13/46H6621

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Wed Oct 15 10:38:33 2003

Whateo En 10 15 05
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GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

October 10, 2003, 18:37:48 ; Search time 31.5963 Seconds (without alignments) 978.887 Million cell updates/sec Run on:

US-09-964-662-1 3785 1 GGYPGAIPGGVPGGVFYPGA...........LSPIFPGGACLGKACGRKRK 731 Title: Perfect score:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table: Sequence:

328717 seqs, 42310858 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

1: /cgn2_6/ptcdata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptcdata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptcdata/1/iaa/6A_COMB.pep:*
5: /cgn2_6/ptcdata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptcdata/1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptcdata/1/iaa/pcTUS_COMB.pep:* Issued_Patents_AA:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| | Description | nce 1, | H | equence 2, | 40, | ī | 28 | 'n | 4, | 27, | 4, | 19 | m | 36, | 'n | S | 68 | 15 | Sequence 96, Appl | 15, | 15, | 135 | 103 | 25, | 25 | 25 | | 45, |
|-----------|---------------|--------|------|------------|-----------|-----------|----------|-------|--------|-------|------|------------|-----------|------------|------|---------|----------|------|-------------------|---------------|--------------|--------------|------------|-----------|--------|------|------------|-------------------|
| SUMMARIES | ID | -7 | 54- | -464-70 | -678-039A | -212-237- | -029 - 2 | 895-0 | -212-2 | 5-029 | 295- | -806-029-1 | -212-237- | 3-806-029- | 3277 | 3-362-6 | -397-633 | 41 | -707-237 | -08-642-246-1 | 09-451-206-1 | JS96-06229-1 | -707-237A- | -08-642-2 | 06 - 2 | | -08-175-15 | US-08-707-237A-45 |
| | BB | 4 | ~ | ٣ | 7 | Н | 7 | ហ | Н | 4 | Ŋ | à | Н | 4 | Ŋ | Н | - | 2 | 7 | m | 4 | Ŋ | N | 'n | 4 | ഗ | П | 7 |
| | Length | 731 | 731 | 733 | 792 | 886 | 988 | 886 | 832 | 832 | 832 | 889 | 936 | 936 | 936 | 877 | 884 | 884 | 884 | 884 | 884 | 884 | 1002 | 1002 | 8 | 9 | 1413 | 47 |
| ο¥P | ery | 100.0 | 7.66 | | | | | | | | | | | | | 29.8 | | | | | | | | • | | | 29.5 | |
| | Score | 3785 | 3775 | | 7 | 1159.5 | 러 | 뭐 | 1159 | 1159 | _ | 1130.5 | 1130 | 1130 | | 1126.5 | 1123 | 1123 | 1123 | 1123 | 1123 | 1123 | 1122 | 1122 | 1122 | 1122 | 1118 | 1118 |
| | Result No. | Н | 21 | m | 4 | S | Ø | 7 | 00 | თ | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |

| Appl | App1 | Appl | Appl | Appli | Appl | ~4 | Appl | Appl | Appl | Appl | Appl | Appl | | Appl | Appl | Appl | Appli | |
|-------------------|-------------------|-------------------|-------------------|-----------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------------------|------------------|-------------------|-----------------|--|
| 74, | 74, | 74, | 38, | 9 | 29, | ý | 35, | 47, | 82, | 53 | 82, | 82, | 108 | 30, | 30, | 30, | 7, | |
| Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Sequence | Seguence | Sequence | Seguence | Sequence | Sequence | Seguence | Sequence | Sequence | |
| US-08-477-509B-74 | US-08-482-085B-74 | US-09-444-791A-74 | US-09-841-334A-38 | US-08-212-237-6 | US-08-806-029-29 | PCT-US95-02772-6 | US-08-806-029-35 | US-08-175-155-47 | US-08-477-509B-82 | US-08-707-237A-53 | US-08-482-085B-82 | US-09-444-791A-82 | US-08-707-237A-108 | US-08-642-246-30 | US-09-451-206-30 | PCT-US96-06229-30 | US-08-212-237-7 | |
| М | m | 4 | 4 | 1 | 4 | Ŋ | 4 | Н | r-1 | 7 | m | 4 | ď | | 4 | Ŋ | Н | |
| 1464 | 1464 | 1465 | 745 | 1056 | 1056 | 1056 | 768 | 2257 | 2257 | 2257 | 2257 | 2257 | 936 | 936 | 936 | 936 | 972 | |
| 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.4 | 29.5 | 29.5 | 29.2 | 29.3 | 29.5 | 29.1 | 29.1 | 29.1 | 29.1 | 28.9 | |
| 1118 | 1118 | 1118 | 1116.5 | 1116 | 1116 | 1116 | 1113 | 1107 | 1107 | 1107 | 1107 | 1107 | 1100 | 1100 | 1100 | 1100 | 1095 | |
| 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 3.7 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | |
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ALIGNMENTS

RESULT 1

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421 AKAAKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPG 480
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0
                                                                            Length 731;
                                                                                                             2; Indels
                                                                           Score 3775; DB 2;
Pred. No. 9.3e-244;
0; Mismatches 2;
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APPLICANT: WARTIN, STEPHEN L
FITLE OF INVENTION: SYNTHETIC POLYNUCLEOFIDES
OURRESPONDENCE ADDRESS:
ADDRESSE: Howson and Howson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 2, Application US/08464700 ; Patent No. 6232458
                                                                              99.78;
                                                                                                             Conservative
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721 CLGKACGRKRK 731
                 TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                              Query Match
Best Local Similarity
Matches 729; Conserv
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    STRANDEDNESS:
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                                                 US-08-911-364-1
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                                                                                                                                                                                                                                                                                                 KYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAAAAAAQFGLVGAAGLGGLGVG
                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       041082/0104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/911,364
FILING DATE: 07-AUG-1997
CLASSIFICATION: 530
PRIOR APPLICATION: DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08911364
Patent No. 5969106
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ROTHSTEIN, ASER
APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Bent, Stephen A. REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 731 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: FOLEY & LARDNER STREET: 3000 K Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: D.C.
COUNTRY: U.S.A.
ZIP: 2007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Washington
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CITY: Wa
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GENERAL INFORMATION:
APPLICANT: Kearling, Mark T.
APPLICANT: Wortis, Colleen A.
TITLE OF INVENTION: Diagnosis of Williams Syndrome and
TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene
NUMBER OF SEQUENCES: 42
                                                                                                                             VGVAPGVGVAPAIGPGGVAAAAKSAAKVAAKAQIRAAAGIGAGIPGIGVGVGVPGLGVGA 540
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                                            603 KYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAAAQFGLVGAAGLGGLGVG
                                                                                                       541 GVPGLGVGAGVPGFGAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPRVPGALAAAKAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C. STREET: 555 Thirteenth Street, N.W., Suite 701 STREET: Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/678,039A
FILING DATE: 10-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2323-120A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 40, Application US/08678039A
; Patent No. 5858662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 38,609
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SAXe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            98.7%;
95.2%;
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amino acid
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MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 PGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGVGPFGGFQPGVPLGY 180
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                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
RPFLICATION NUMBER: US/08/464,700
FILING DATE: 7-UNW-1995
: Spring House Corporate Cntr, PO Box 457 Spring House
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL6520
FILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL9661
FILING DATE: 28-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/AU93/00655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: GHC3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1: 733 amino acids
amino acid
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Matches 729; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-464-700-2
                                         Pennsylvania
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   49 LGAGLGAFPAVTFPGALVPGGVADAAAYKAAKAGAGLG--GVPGVGGLGVSAGAVVPQ- 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ----IPGVGPFGGPQPGVPL 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            235 KAAAKFGAGAAGVLPGVG--GAGVP--GVPG-AIPGIG----GIAGVGTPAAAAAAAAA 285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                286 KAAKYGAAAGLVPG-----GPGFGPGVVGVPGAGVPGVGVPGAGIP--VVPGAGIPGAAV 338
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                                                                                                                                                                                                                                                                                                                                   ----GKPLKPVPGGLAGAG
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                                                                                                                                                                                                                                                                                    Indels 185;
                                                                                                                                                                                                                                                      Length 988;
                                                                                                                                                                                                                                                   ; Score 1159.5; DB 1;
; Pred. No. 1.1e-69;
54; Mismatches 279;
                                                                                                                                                                                                                                                                                                                 2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALGPG-
                NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-5847/BIR
TELECOMMUNICATION INFORMATION:
TELEBROME: 415-781-1989
TELEBRAX: 415-398-3249
                                                                                                                                                                                                                                                      30.6%;
                                                                                                           INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
   ATTORNEY/AGENT INFORMATION:
                                                                                                                                          : 988 amino acids amino acid
                                                                                                                                                                                                                                                     Query Match 30.65
Best Local Similarity 40.55
Matches 353; Conservative
                                                                                                                                                                           single
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MOLECULE TYPE: protein

US-08-212-237-5
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FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL
                 PGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLGY
                                                                                                                        PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGVGPQAAAAAAAAKA
                                                                                                                                         PGVGVGGIPTYGVGAGGFPGFGVGVGGTPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAA
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                                                                              GAGAAGVLPGVGGAGVPGVPGAIPGIGGIAGVGTPAAAAAAAAAAAKAAKYGAAAGLVPGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flohr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Synthetic Proteins As Implantables
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OSTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/212,237
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08212237
Patent No. 5606019
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
TITLE OF INVENTION: Synthetic P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       San Francisco
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US-08-212-237-5
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234

| 179 GYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGYGPQAAAAAA 2 | 286 KANKTGAAAGLYPG | CLASSTEICHION: ATTORNEY/AGENT INFORMATION: NAME: Rowland, Bertram I REGISTRATION NUMBER: 20,015 REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR TELECOMMUNICATION INFORMATION: |
|---|--|--|
| | TILE OF TOWNERS. TO SEAL ADDITION OF SEAL INCORMATION CAPPELLOW. STATEMEN SEAL INCORMATION SEAL OF SEA | DD 130 AGAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG |

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111 KPGKVPGVGLPGV-YPGGVLPGARFPGVGVLPGVPT-GAGVKPKAPGVGGAFAG----- 162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     262 AIPGIGGIAGVGTPAAAAAAAAAAKAAKYGAAAGLVPGGPGFG--PGVVGVPGAGVPGVG 319
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                                                                                                                                                                                                                                                                                                APPLICANT: Cappello, Joseph
IIILE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Herbert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Albritton & Suite 3400
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849
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819 GAGAGSGAGAGSGAGAGSVPGVGVPG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CUSTWARE: Patentin Release #1.0, Ver CURRENT APPLICATION DATA:
APPLICATION WINEER: US/08/212,237
FILING DATE: 11-MAR-1994
ATTORNEL/AGENT TITLE #35
ATTORNEL/AGENT TITLE #35
NANCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                      SEE: Flehr, Hobbach, Test,
: Four Embarcadero Center,
San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: CACOUNTY: U.S.A.

ZUP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

~~METUR TY
                                                                                                                                                                             Sequence 4, Application US/08212237 Patent No. 5606019 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       =
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TELEPHONE: 415-781-1989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
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LENGTH: 832 amino acid
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ADDRESSEE: Flehr, HO
STREET: Four Embarca
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ------PGAGVKPGKVPGVGLPGV-YPGGVLPGARFPGVGVLPGVPT-GAGV 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ---IPGVGPFGGPQPGVPL 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GYPIKAPKLPG----GYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGVGPQAAAAAA 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 241 GVGVPGVGVPGVEVPGVPGVPGVPGVGAGAGSGAGAGSGAGAGSGAGAGS 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KAAAKFGAGAAGVLPGVG--GAGVP--GVPG-ALPGIG----GIAGVGTPAAAAAAAAA 285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   286 KAAKYGAAAGLVPG-----GPGFGPGVVGVPGAGVPGVGVPGAGIP--VVPGAGIPGAAV 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PGVVSPEAAAKAAAKAAKYGARPGVGVGGIPTYGVGAGGFPGFGVGVGGIPGV----AGV 394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PGVGVPGVGGAGAGSGAGAGSGAGAGSGA----GAGSGAGAGSGAGAGSVPGVGVPGVGV 467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PGVG----GVPGVG----GVPGVGISPEAQAAAAKAAKYGVGTPAAAAKA----AAK 441
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                                                                                                                                                                                                                                                                                                                                                                                                                      DB 5;
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                                                                                                                                                                                                                                                                                                                                                                                                              30.6%; Score 1159.5;
40.5%; Pred. No. 1.1e.
iive 54; Mismatches
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                               TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 988 amino acids
   415-781-1989
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PCT-US95-02772-5
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Matches 35
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                                                                                                                             2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGGALGPGGKPLKPVPGGLAGAGLGAGLGA
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                                                              Length 832;
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ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
                                                                                             49; Mismatches 243;
                                                        Score 1159; DB 4;
Pred. No. 1e-69;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application PC/TUS9502772
GENERAL INFORMATION:
APPLICANT: Protein Polymer Technologies,
                                                              Score 1159;
                                                          30.68;
                                                                                              Conservative
          protein
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       MOLECULE TYPE:
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US-08-806-029-27
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STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 27, Application US/08806029
Patent No. 6380154
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Dr
TITLE OF INVENTION: Delivery and Tissue Augmentation
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MEDIUM TYPE: Floppy disk
COMPOTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-WAR-1994
ATTONNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 27:
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United States
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CORRESPONDENCE ADDRESS:
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STATE: California
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                                                  550 GVGGAGAGSGAGAGSGAGAGSGAGAGS-----VPG-VGVPGVGVPGVGVPGVGV
                                                                                        511 GGLGALG----GVGIPG-GVVGAGPAAAAAAAAAAAAAAGFGLVGAAGLGGLGVGGLGVP
                                                                                                                 2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALGPGGKPLKPVPGGLAGAGLGAGLG-
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                                                                                                                                                                                                                                                                                                                                                                         Sequence 19, Application US/08806029
Petent No. 6380154
GENERAL INFORMATION:
APPLICANT: Carpello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS: 36
CARRESPONDENCE HORBACH CENT. Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
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Pred. No. 8.6e-68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIR Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MIK
TELECHONGINICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
CLASSIFICATION: 514
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Similarity 44.0%;
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STATE: California
COUNTRY: United States
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US-08-806-029-19
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                                                                                      COMPUTER REDABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                243;
Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                            CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, BENTURM:
REGISTRATION NUMBER: 20,015
REPRENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEC ID NO: 4: SEQUENCE CHARACTERISTICS: LENGTH: 832 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                             : 415-781-1989
415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 44.4
Matches 350; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; MOLECULE TYPE: protein PCT-US95-02772-4
                    San Francisco
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                                                      COUNTRY: U.S.A. ZIP: 94111-4187
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277 AAAAAAAAAKYGAAAGLVP--GGPGFG~PGV----VGVPGAGVPGVGVPGAGIP--- 326
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Pred. No. 9.7e-68;
5; Mismatches 245;
                                                                                                                                                                                                                                                                                                          2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALGPG-
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                                                                    A-58847/BIR
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                                                        20,015
                                                                  REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                     29.9%;
                                                                                                                         INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS:
                         ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
11-MAR-1994
                                                                                                                                                      936 amino acids
                                         NAME: Rowland, Bertram REGISTRATION NUMBER: 20
                                                                                                                                                                                                                                                                                 Conservative
                                                                                                            415-398-3249
                                                                                                                                                                                 single
                                                                                                                                                                                                             protein
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                CLASSIFICATION:
                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: lin
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US-08-212-237-3
DATE:
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                                            VVPQPGAGVKPGVVPGVGLPGV-YPGGVLPGARFPGVGVLPGVPTGAGV-KPKAPGVG--
                                                                                 ---GAFAGIPGVGPFGGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYG-PG-GVAGA
                                                                                                                                      213 AGKAGYPTGTGVGPQAAAAAAAAKFGAGAAGV-LPGVG--GAGVPGVPGAIPGIG--
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OPERATING YSTEM: PC-DOS/MS-DOS
OPERATING STSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
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ADDRESSEE: Flehr, Hohbach, Test, Albritton, STREBT: Four Embarcadero Center, Suite 3400 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US/08/212,237
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cappello, Joseph
TITLE OF INVENTION: Synthet
NUMBER OF SEQUENCES: 9
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ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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US-08-212-237-3
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                                                                         377 AAAAAAAAAKAAKYGAAAGLVP--GGPGFG-PGV----VGVPGAGVPGVGVGVPGAGIP--- 326
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889 VGV-PGV----GV----PGVGGAGAGSGAGAGSVPGVGVPGVGVPGVGVPGVFGVGVPGVFTP 339
                                                                                                                                                                                                                   PQAAAAAAAKAAAKFGAGAAGVLPGVG--GAGVP--GVPG-AIPGIG----GIAGVGTPA
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                                         G----GYGLPYTIGKLPYGYGPGGVAGAAGKAGYP-------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               546 GV-GAGVPGF-GAGADEGVRRSLSPELREGDPSSSQHLPSTP----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Protein Polymer Technologies, Inc.
TITLE OF INVENTION: Synthetic Proteins As Implantables NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS: ADDRESSE: Flehr, Hobbach, Test, Albritton & Herbert STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: ROWLEND BETTERN I
REGISTRATION NUMBER: 20,015
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ZIP: 94111-4187
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PCT-US95-02772-3
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                       ---GLGVGGLGVPGVGGLGGIPPAAAA 679
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                                                                                                                         SVPGVGVPGVGVPGVGVPGVGVPGVGV-PGVGVPGV--GGAGAGSGAG 933
                                                                                                    680 KAAKYGAAGLG----GVLG-GAGQFPLGGVAARPGFGLSPIFPGGACLGKACG 727
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Pred. No. 9.7e-68;
5; Mismatches 245; Indels 240;
                                                                                                                                                                                                                                                                                        APPLICANT: Cappello, Joseph
APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
IIILE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
WIMPRE OF SEGUENCES: 36
                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSES: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION WOMBER: US/08/806,029 FLING DATE: 24 FEB.1997 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RADEL TRECALTION, RICHARD F.
REGISTRATION NUMBER: 31,801
REPERRENCE/POCKET NUMBER: 4-58847-2/RFT/MTK
FELECOMBUNICATION INFORMARION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 388-349
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 936 amino acids
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APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                    Sequence 26, Application US/08806029 Patent No. 6380154 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    45;
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                       AKAAAKAAQFGLVGAAGLG-
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Best Local Similarity
Matches 363; Conserva
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                                                                                                                                                                                                  RESULT 13
US-08-806-029-26
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STRANDEDNESS:
TOPOLOGY: line
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REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
           TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEPAX: 415-389-3249
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 936 amino acids
TYPE: amino acids
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                                                                                                           STRANDEDNESS: single
                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: protein
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                         680 KAAKYGAAGIG----GVLG-GAGÓFPIGGVAARPGFGISPIFPGGACLGKACG 727
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29.8%; Score 1126.5; DB 1; Length 877; 44.0%; Pred. No. 1.6e-67; Live 59; Mismatches 230; Indels 153;
                                                                                                         RESULT 15
US-08-397-633A-54
Sequence 54, Application US/08397633A
Sequence 573577
GENERAL INFORMATION:
PAPLICANT: Cappello, Joseph
TITLE OF INVENTION: PRODUCTS COMPRISING SUBSTRATESCAPABLE
TITLE OF INVENTION: OF BNITMATIC OF SUSTRATESCAPABLE
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                     ADDRESSE: FLEHR, HOHBACH, TEST ALBRITTON 6 H STREET: 4 Habbarcadero Center, Sqite 3400 CITY: San Francisco STATE: Callifornia COUNTY: USA ZIP: 94111-4487
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,633A
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REGIERRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: 4-58
TELECOMMUNICATION: TRICERMATION:
TELERAX: (415) 781-1989
TELERAX: (415) 398-3249
TELERAX: 910 277299
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 44.0 Matches 347; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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| 3VGVPGVGV 405 | VVGAGGFPG 380 SAGAGSGVGVPG 456 | VGTPAAAA 436 | 37APAIGPG 496 : 37-PGVGVP 554 | 3VPGLGV-G 548 : 3VPGVGVPG 614 | AKYGAAVPG 608 GVPGVPG 663 | AAGIGGL 657 : : VPGVGVPGV 723 | GGVAARPGF 710 PGVGV-PGV 782 | |
|---|--|---|--|---|--|--|--|---|
| 353 GYGVPGYGVPGAGAGSGAGSGAGAGSGAGAGSG-VGVPGVGVPGVGVPGVGYPGVGY | PVVPGAGIPGAAVPGVVSPEAAAKAAKAAKYGARPGVGVGGIPTYC | 381 FGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAKKAGVGTPAAAAA | 437 KAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAFAIGFG | GVAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGV-GAGVPGLGV-G : : | 549 AGVPGFGAGADBGVRRSLSPELRBGDPSSSQHLPSTPSSPRVPGALAAAKAAKYGAAVPG | V-LGGLGALGGYGIPGGYVGAGPAAAAAAAKAAKAAKAAQFGLVGAAGLGGL : | GVGGLGVPGVGGLGGIPPAAAŘARKYGA-AGLGGVLGGAGGPPLGGVAARPGF - | GLSPI-FPG 718 :: GVPGVGVPG 791 |
| 353 | 326 | 381 | 437 | 555 | 549 | 609 | 658 | 711 |
| qq | ζ Q | Q7 Dp | Qy | QY | QY | QY | QY | Qy |

Search completed: October 10, 2003, 18:43:10 Job time : 36.5963 secs

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October 10, 2003, 18:41:34; Search time 55.1597 Seconds (without alignments) 2135.343 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                   US-09-964-662-1
3785
1 GGVPGAIPGGVPGGVFYPGA......LSPIFPGGACLGKAGGKKK 731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published_Applications_AA:*

| cyn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cyn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
3: /cyn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
4: /cyn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
5: /cyn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*
6: /cyn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*
7: /cyn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
8: /cyn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
9: /cyn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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11: /cyn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
11: /cyn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
11: /cyn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
11: /cyn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
11: /cyn2_6/ptodata/2/pubpaa/USO2_PUBCOMB.pep:*
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12: /cyn2_6/ptodata/2/pubpaa/USO2_NEW_PUB.pep:*
13: /cyn2_6/ptodata/2/pubpaa/USO2_NEW_PUB.pep:*
14: /cyn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
15: /cyn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                600653 seqs, 161128416 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                             OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0 Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                           Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Searched:
                                                                                                                                                                                                              Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| | | Description | Sequence 1, Appli | Sequence 8, Appli | | Sequence 25, Appl | Sequence 74, Appl | Sequence 38, Appl | Sequence 38, Appl | Sequence 82, Appl | Sequence 30, Appl | Sequence 81, Appl | Sequence 34, Appl | Sequence 37, Appl | Sequence 37, Appl | Sequence 34, Appl | Sequence 34, Appl |
|-----------|----|--------------------------|-------------------|-------------------|------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| SUMMARIES | | . CII | US-09-964-662-1 | US-09-961-403-8 | US-10-117-931-15 | US-10-117-931-25 | . US-10-096-986-74 | US-09-837-969A-38 | US-09-841-321A-38 | US-10-096-986-82 | US-10-117-931-30 | 18-986-960-01-Sn | . US-10-117-931-34 | US-09-837-969A-37 | US-09-841-321A-37 | US-09-837-969A-34 | US-09-841-321A-34 |
| | | h DB | 1 12 | 0 11 | 4 15 | 2 15 | 5 15 | 9 | 5 10 | 7 15 | 15 | 5 15 | 15 | 6 | 12 10 | 3 3 | 3 10 |
| | | Lengt | 1 | 730 | | | | | | | | | | | | | |
| | оф | Query Match Length DB | 100.0 | 94.2 | 29.7 | 29.6 | 29.5 | 29.5 | 29.5 | 29.3 | 29.1 | 28.3 | 27.7 | 26.4 | 26.4 | 26.4 | 26.4 |
| | | Score | 3785 | 3565.5 | 1123 | 1122 | 1118 | 1116.5 | 1116.5 | 1107 | 1100 | 1070.5 | 1049 | 866 | 866 | 988 | 866 |
| | | Result No. | | 7 | e | * | IJ | 9 | 7 | 80 | σ | 10 | Ħ | 12 | 13 | 14 | 15 |

| | Sequence 4, Appli Sequence 6, Appli |
|---|--|
| | 08-09- |
| 10088888888888888888888888888888888888 | 606 606 |
| 00000000000000000000000000000000000000 | 16.8 |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 634 619.5 |
| 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 44 |

ALIGNMENTS

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RESULT 1
US-09-64-662-1
Sequence 1, Application US/08964662
Sequence 1, Application US/08964662
Sequence 1, Application US/08964662
Sequence 1, Application WO. US20030166846a1
SERNEAL INFORMATION:
APPLICANT: PROTEIN SPECIALIES LID.
APPLICANT: PROTEIN SPECIALIES LID.
APPLICANT: PROTEIN SPECIALIES LID.
APPLICANT: OF UNEXPITON: OTHER FIBROUS PROTEINS
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT PILING DATE: 1999-66-29
PRIOR FILING DATE: 1999-66-29
NUMBER OF SEQ ID NOS: 11
SSCTWARE: Patentin Ver. 2.1
LENGTH: 731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 FPGALVPGGVADAAAAYKAAKACACLGGVFGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVVGT 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GGVPGAIPGGVPGGVFYPGAGLGALGGGGALGPGGKPLKPVPGGLAGAGLGAGLGAFPAVT 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match 100.0%; Score 3785; DB 12; Length 731; Best Local Similarity 100.0%; Pred No. 7.4e-216; Matches 731; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
CNGANISM: Homo sapiens
US-09-964-662-1
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| QY 61 FPGALVPGGVADAAAAYKAAKAAAGLGGVPGVGGLGVSAGAVVPQPCAGYKPGKVPGVGL 120 | Oy 121 PGYYPGGVLPGARFPGVGYLPGYPTGACYKRAPGYGGAFAGIFGYOFFGGPQPGYPLGY 180 | QY 181 PIKAPKIPGGYGLPYITGKILPYGYGPGGVAGAGKAGYPTGTGVGPQAAAAAAKAAAKF 240 | Qy 241 GAGAAGVLPGVGGAGVCGATPGIGGIAGVCTPAAAAAAAAAAAAXKGAAAGIVPGG 300 | Qy 301 PGFGPGVVGVPGAGVPGAGTPVVPGAGTPGAAVFGVVSPEAAAKAAAKAGAR 360 | 0y 361 pgvgvggiptygvgaggfpgvgvggtpgvagvpgvggvpgvggvpgvgtsperqaaaa 420 (| Qy 421 araakygygtpaaaakaagaGlupqygyapgygyapgygyapgyglapg 474 | Oy 475 VGVAPGVGVAPGVGVAPAIGPGGVAAAAKSAAKVAAKAOLRAAAGLGAGIPGLGVGVGVP 534 [111111111111111111111111111111111111 | Oy 535 GLGYQAGYPGEGAGADBGYRRSLSPELRBGDPSSSQHLPSTPSSPRVPGAL 594 | Qy S95 AAAKAAKYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAAAAAGGCGVVGAGGAAGA (111111111111111111111111111111 | Qy 655 GGLGYGGLGYPPAAARKAAKGAAGLGGYLGGAGGPLGGVARPGFGLSP 714 [1111111111111111111111111111111111 | Qy 715 IPPGGACLGKACGKKR 731 | scurr 3 5-10-117 Sequenc Publica GENER | | CONDUTER: US CONDUTER: PORM: CONDUTER READABLE FORM: COMPOTER: TEM PC compatible COMPOTER: TEM PC compatible COMPOTER: TEM PC FOS/MS-DOS CORRENT READABLE PC-DOS/MS-DOS CURRENT APPLICATION NUMBER: US/10/117,931 |
|--|--|--|--|---|---|---|---|---|---|---|---|---|---|--|
| Qy 181 PIKAPKLPGGYGLPYTTGKLPYGYGPGGYAGAAGKAGYPTGTGVGPQAAAAAAAAKAAAKF 240 Db 181 PIKAPKLPGGYGLPYTTGKLPYGYGPGGYAGAAGKAGYPTGTGYGPQAAAAAAAKAAAKF 240 | QY 241 GAGAAGVLPGVGGAGVPGVPGAIPGIGGIAGVGTPAAAAAAAAAAAAKKGAAAGIVPGG 300 | OY 301 PGPGPGVVGVPGAGVPGVPGAGIPVVPGAGIPGAAVPGVVSPBAARAAKAAAKAGAR 360 (111111111111111111111111111111111111 | QY 361 PGVGVGGIPTYGVGAGGFPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGVGISPEAQAAAA 420 Db 361 PGVGVGGIPTYGVGAGGFPGFGVGVGGIPGVAGVPGVGGVFGVGGVPGVGGVPGVGGSPAAAA 420 | OY 421 AKAAKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGLAPG 480 [| QY 481 VGVAPGVGVAPAIGPGGVAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGGGVGFG 540 | QY 541 GVPGLGVGAGVPGFGAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPRVPGALAAARAA 600 | OY 601 KYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAGFGLVGAAGLGGLGVG 660 | QY 661 GLGVPGVGGLGGIPPAAARKYGAAGLGGVLGGAGQFPLGGVAARPGFGLSPIFPGGA 720 [HTT] [HTT] [HTT] [HTT] HTT] Db 661 GLGVPGVGGLGGIPPAAARAAKAAKYGAAGLGGVLGGAGQFPLGGVAARPGFGLSPIFPGGA 720 | Qy 721 CLGKACGRKRK 731 | RESULT 2 US-09-961-403-8 | Sequence 8, P Publication N GENERAL INFOR APPLICANT: F APPLICANT: | APPLICANT: RARDESGRAMA. UOERN APPLICANT: WINTERHAGER, ELKE APPLICANT: WINTERHAGER, ELKE APPLICANT: WINTERHAGER, ELKE APPLICANT: REGIDON, PEDNO APPLICANT: SCOTTI, SIMONE TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS TITLE OF ENVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS TITLE OF SERVID ON UNGER: 15,/09/961,403 CURRENT APPLICATION UNGER: 15,/09/961,403 CURRENT FILING DATE: 2001-09-25 NUMBER OF SEQ ID NOS: 15 CORRENT FILING AND | SEQ ID NO. SECOND SEQ ID NO. SEQ ID | Ouery Match 94.2%; Score 3565.5; DB 11; Length 730; Best Local Similarity 94.4%; Pred. No. 6.56-203; Matches 696; Conservative 0; Mismatches 2; Indels 39; Gaps 2; Qy 1 GGVPGAIPGGVPGGAIGAGAIGGGALGPGGRPIKPVPGGIAGAGIGAPPAVT 60 - [|

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88 GVPGVG-----GLGVSAGAVVPQPGAGVKPGKVPGVGLPGV-YPGGVLPGARFPGVGVL 140
                                    123 GYGYPGYGYPGYGYPGAGAGAGAGAGAGAGAGYGYPGYGYPGYGYPGKGV-PGYGYPGY 181
                                                                                        -GLG----GIPPAAAKKAAKYGAAGLGGVLGGAGQFPLGGVAARPGFGLSPI-FPGGACL 722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ---GKPLKPVP 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42 G------GLAGAGLGAGLGAFPAVTFPGALVPG-GVADAAAAYKAAKAGAGLG-- 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 1002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ALBRITTON & HERBERT
Suite 200
                   IPG-GVVGAGPAAAAAAAAAAAAAAQFGLVGAAGLGGLGVGGLGVPGVG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                               CAPPELLO, Joseph
TITLE OF INVENTION: Tissue Adhesive Using Synthetic
Crosslinking
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAINE
OPERATING SYSTEM: PC-POS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29.6%; Score 1122; DB 15; 39.1%; Pred. No. 1.3e-58;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALGPG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: A61127-1/BIR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
PAPPLICATION NUMBER: US/08/642,246
FILING DATE: <unstrain Christonic
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST,
STREET: Four Embarcadero Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/10/117,931
FILING DATE: 05-Apr-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: protein SEQEENCE DESCRIPTION: SEQ ID NO: 25: US-10-117-931-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: ROWLAND, Bertram I
REGISTRATION NUMBER: 20015
                                                                                                                                                                                                                                                                                                                                                APPLICANT: STEDRONSKY, Erwin R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                      Sequence 25, Application US/10117931 Publication No. US20030104589A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1002 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 29.68
Best Local Similarity 39.18
Matches 370; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: US
ZIP: 94111
                                                                                                                                                                                      ||
GK 833
                                                                                                                                                               723 GK 724
                                                                                                                                                                                                                                                         RESULT 4
US-10-117-931-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LSPEIREGDPSSSQHIPSTPSSPRVPGALAAAKAGAAVPGV-LGGLGALG----GVG 620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                121 VPGVGVPGKGVPGVGV-PGVGVPGVPGAGAGSGAGAGSGAGAGSGAGAGSGVGVPGVG 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  325
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          326 VGVPGVGVPGVGVPGAGAGSGAGAGS---GAGAG---SGAGAGSG-VGVPGVGVPGVGVP 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GAGIP--VVPGAGIPGAAVPGVVSPEAAAKAAKA----AKYGARPGVGVG----GIPT 370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -----GVPG 402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VG----GVPGVGISPEAQAAAAAAKAAKY-GVGTPAAAAKAAAKAAQFGLVPGVGVAPGV 457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GVAPGVGVAPGVGLAPGVGV----APGVGVAPGCVGVAPAIGPGGVAAAAKSAAKVAAKAQ 513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      514 LRAAAGLGAGIPGLGV-GVGVPGLGV-----GAGVPGLGV-GAGVPGFGAGADEGVRRS 565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  94 --GLGVSAGAVVPQPGAGVKPGK-VPGVGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVK 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         151 PKAPGVGGAFAGIPGVGPFGGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVA 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels 188;
                                                                                                                                                                                                                                                                                                                                                                                                    Length 884;
                                                                                                                                                                                                                                                                                                                                                                                                ; Score 1123; DB 15;
; Pred. No. 9.8e-59;
53; Mismatches 249;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALGPG-
                                                                                                       NAME: ROWLAND, Bertram I
REGISTRATION NUMBER: 20015
REGISTRATION NUMBER: A61127-1/BIR
TELECOMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 371 YGVGAGGFPGFGV-GVG----GIPGVAGVPGVG--
FILING DATE: 05-Apr-2002
CLASSIEICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/642,246
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: peptide SEQUENCE DESCRIPTION: SEQ ID NO: 15: US-10-117-931-15
                                                                                                                                                                                                                                                      LENGTH: 884 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                    TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                  29.7%;
                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 15
                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
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Best Local Similarity 41.8
Matches 352; Conservative
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281 AAAAAXAAKYGAAAGL-VP--GGPGFG-PGV----VGVPGAGVPGVGVFGAGIP----- 326
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 1465;
                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNDER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             55 AFPAVTFPGALVPGGVADAAAAYKAAKAGAGLG-------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
  STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/444,791

RILING DATE: 22-No. US200308364A1-1999

RILING DATE: CY-No. US2003083664A1-1999

RILING DATE: 07-JUN-1995

FILING DATE: 07-JUN-1995

RILING DATE: 29-DEC-1993

APPLICATION NUMBER: US 08/053,049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       h Similarity 40.9%; Score 1118; DB 15; Similarity 40.9%; Pred. No. 3.2e-58; 64; Conservative 53; Mismatches 230;
                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-10-096-986-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 1465 amino acids
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SEQUENCE CHARACTERISTICS:
                  San Francisco
: California
                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                              APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    233
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  -----GAGAGSGAGAGSGVGVPGVGVPGVGVPGKGVPGKGVPGVGVPGVGVPG
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                                                                                                                                                                                                                   AKAAAKFGAGAAGVLPGVG--GAGVP--GVPG-AIPGIG----GIAGVGTPAAAAAAAA 284
                                                                                                                                                                                                                                                                                                                                    308 -VGVPGAGVPGVGVPGAGIP--VVPGAGIPGAAVPGVVSPEAAAKAAKAAKYGARPGVG 364
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                                                                                                                                                                                                                                        196 TIGKLPYGYGPGGVAGAAGKAGYP--------TGT-GVGPQAAAAAA
                                                                                                                                                                                                                                                                                              AKAAKYGAAAGL-------VPGG------PGFG-PGV------
                                                            PGVPTGAGVKPKA----PGVGGAFAGIPGVGPFGGPQPGVPLGYP-IKAPKLPGGYGLPY
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ADDRESSEE: Flehr Hobbach Test Albritton & Herbert LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LGGV-LGGAGQFPLGGVAAR-----PGFGLSPIFPGGACLGKACG 727
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Chambers, James
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Cappello, Joseph
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APPLICANT: FEIT
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US-10-096-986-74
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| Db 62 PGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVPGVGVPGVGVFGVGV 112 | Qy 111 KPGKVPGVGLPGV-YPGGVLPGARFPGVGVLPGVPT-GAGVKPKAPGVGGAFAGIPGVGP 168 | Qy 169 FGGPQPEGVPL-GYPIKAPKLPG-*GYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTG 223 | Qy 224 VGPQAAAAARAAAKG-AGAAGVLPGVGGAGVPGVPG-AIPGIGGIAGVG 273 | QY 274 TPAAAAAAAAAAAAAAGLVPGGPGFGPGVGVGVGAGVPGVGRGIPVVP 329 DD 280 VPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV | QY 330 GAGIPGAAVPGV | QY 367 GIPTYGVGAGEFPGFGV-GVGGIPGVAGVPGVG 404 | OY 405 GVPGVGISPBAQAAAAAKAAKY-GVGTPAAAAAKAAAKAAGFGLVPGVGVAPGGVAPGV 463 | QY 464 GVAPGVGLAPGVGVAPGVGVAPAIGPGGVAAAAKSAAKVAAKAQLRAAAGLGAG 523 | QY 524 IPGLGV-GVGVPGLGV-GAGVPGLGV-GAGVPGFGAGADEGVRRSLSPELREGDPSSSQH 580 : : | VPGVG-VPGVGVPGV SGLGGIPPAAARI | VAP | | RESULT 7 US-09-841-321A-38 ; Sequence 38, Application US/09841321A | ; Patent No. US20020116069A1 ; GENERAL INPORMATION: . ADPITCAND TYPE DATE |) TILE OF INVESTION INJECTABLE Implants For Tissue Augmentation and Restoration ; FILE REFERENCE: BERL-020/040S | ; CURRENT APPLICATION NUMBER: US/09/841,321A ; CURRENT FILING DATE: 2001-04-30 ; PRIOR APPLICATION NUMBER: US 09/258,723 | ; PRIOR FILING DATE: 1999-02-26; PRIOR APPLICATION NUMBER: US 60/087155; PRIOR FILING DATE: 1998-05-26; PRIOR PILING DATE: 1998-05-5; PRIOR APPLICATION NUMBER: US 60/076297 | FRIOR FILING DATE: 1998-02-27 FOURDER OF SQ. ID NOS: 65 SOFTWARE: Patentin Version 3.0 SEQ ID NO 38 FROM IN 03 8 | ; TYPE: PRT |
|--|---|--|--|--|--|---|--|---|--|--|---|--|--|---|---|--|--|--|---|
| : | OY 327VVPGAGIPGAAVPGVVSPEAAAKAAAKYGARPGVGVGGIPTYGVGAGGF 378 | OY 379 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKTGVGT 430 | OY 431 PAAAAKAAAKAAQFGLVPGVGVAPGGGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 490 | QY 491 PAIGPGGVAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGY-GAGVP 543 | QY 544 GLGY-GAGYPGFGAGADEGYRRSLS | QY 588 PRVPGALAAAKA-AKYGAAVPGVLGGLGALGGVGTPG-GVVGAG-PAAAA 634 | QY 635 AAAKAAAKAAQFGLVGAAGLGGLGGGLGYDGVGGLGGIPPAAAKAAKYGA 686 : | QY 687 AGLGGVLGGAGQPPLGGVAARPGFGLSPIFPGGACLGKACG 727 | RESULT 6 US-09-837-969A-38 ; Sequence 38, Application US/09837969A ; Patent No. US20020038150A1 ; GENERAL INFORMATION: | ; APPLICANT: Urry, Dan ; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration ; FILE REFERENCE: BERL-020/03US ; CORRENT APPLICATION NUMBER: US/09/837,969A | ; CURRENT FILING DATE: 2001-06-19 ; PRIOR APPLICATION NUMBER: US 09/258,723 ; PRIOR FILING DATE: 1999-02-26 | ; PRIOR APPLICATION NUMBER: US 60/087155 ; PRIOR FILING DATE: 1998-05-29 ; PRIOR APPLICATION NUMBER: US 60/076297 ; PRIOR FILING DATE: 1998-02-27 | ; NUMBER OF SEQ ID NOS: 65 ; SOFTWARE: PatentIn version 3.0 ; SEQ ID NO 38 | ; LENGTH: 45- ; TYPE: PR: ORGANISM: Artificial Sequence | ; FEATURE: ; NAME/KEY: PEPTIDE | ; LOCATION: (1)(745) ; OTHER INFORMATION: Synthetic US-09-837-969A-38 | Query Match 29.5%; Score 1116.5; DB 9; Length 745; Best Local Similarity 41.2%; Pred. No. 2e-58; Matches 329; Conservative 43; Mismatches 230; Indels 197; Gaps 48; | OY 2 GVPG-AIBG-GYPGGVFYPGAGLGALGGGALG-PG-GKPLKPVPG-GIAGAGLGAGLGAF 56 : | QY 57 PAVTEPGALVPGGVADAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGV 110 |

us-09-964-662-1.rapb

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Page

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TITLE OF INVENTION: No. US20030083464alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Sar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             56 FPAVIFPGALVPGGVADAAAYKAAKAGAGLGGVPGVG-GLGVSAGAVVPQPGAGVKPGK 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALGPGGKPLKPVPGGLAGAGLGAGLGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels 251;
                                                                                                                                                NUMBER OF SEQUENCES: 117
CORRESPONDENCE ADDRESS:
ADDRESSES: Flehr Hobach Test Albritton & Herbert LLP
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 2257;
                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/NS-DOS
OFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                115 VPGVGLPGV-YPGGVLPGARFPGVGVLPGVPTGAGVKPKA-
                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/444,791
FILING DATE: 22-No. U520030083464A1-1999
APPLICATION NUMBER: US_08/482,085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29.2%; Score 1107; DB 15; 38.9%; Pred. No. 2.2e-57; rative 53; Mismatches 257;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 05.1075.705
APPLICATION NUMBER: 08/175.155
FILING DATE: 29-DEC-1993
APPLICATION NUMBER: 0S 08/053.049
FILING DATE: 22-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-0CT-1987
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLICY: SINGLE

MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 82:
US-10-096-986-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801
Ferrari, Franco A.
Richardson, Charles
Chambers, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 2257 amino acids
                                                  Causey, Stuart
Pollock, Thomas J.
                                                                                    Cappello, Joseph
Crissman, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 82 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
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357; Conservative
 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                           169 FGGPQPGVPL-GYPIKAPKLPG----GYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTG 223
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                                                                                                                                                                                      2 GVPG-AIPG-GVPGGVFYPGAGLGALGGGALG-PG-GKPLKPVPG-GLAGAGLGAGLGAF 56
                                                                                                                                                                                                          PAVTFPGALVPGGVADAAAYKAAKAGAGLGGVPGVG---GLGVSAGAVVP---QPGAGV
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                                                                                                                 29.5%; Score 1116.5; DB 10; Length 745; 41.2%; Pred. No. 2e-58; ive 43; Mismatches 230; Indels 197;
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US-10-096-986-82
; Sequence 82, Application US/10096986
; Publication No. US20030083464A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                       COTHER INFORMATION: Synthetic US-09-841-321A-38
                                                                                                                                     Best_Local Similarity 41.29
Matches 329; Conservative
                                    NAME/KEY: PEPTIDE
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                                                                                                                                                                                                                                                                                                                                                                                                                                     266;
                                                                                                                                                                                                                                                                                                                                                                                                     Length 936;
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Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                     Score 1100; DB 15;
Pred. No. 2.4e-57;
6; Mismatches 228;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PLKPVPG-----GLAGAGLGAGLGA-----
                                                                                                                                                                            REFERENCE/DOCKET NUMBER: A61127-1/BIR
                                                                          APPLICATION DATA:
APPLICATION NUMBER: US/08/642,246
FILING DATE: <Unknown>
                            APPLICATION NUMBER: US/10/117,931
FILING DATE: 05-Apr-2002
CLASSIFICATION: <Unknown>
Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                         30:
                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear; MOLECULE TYPE: protein ; SEQUENCE DESCRIPTION: SEQ ID NO: US-10-117-931-30
                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, BETLTAM I
REGISTRATION NUMBER: 20015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VGPFGGPQPGVPL-GYPIKAPKLPG-
                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                         LENGTH: 936 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                       46;
                                                                                                                                                                                                                            TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
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                CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 30
                                                                                                                                                                                                                                                          CHARACTERISTICS
                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Best Local 8
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                                                                                                                                                                                           1990 PGVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGAGAGSGAGGAGSGAGAGSGAG-AG 2048
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                                                                                                                                1759 GVPGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGSGAGAGSGAGAGSGVGVPGVGV 1818
                                                                                                                                                                                                                                                                                                                                                                                                   1877 AGSGAGAGSGAGAGSGAGAGSGVGVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV
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                                                                                                              --- AAAAAAKAAKYG 291
                                                                                                                                                                          292 AAAGLVPG-----GPGFGPGV---VGVPGAGVPGVGAGIP--VVPGAGIPGAAVPGV 341
                                                                                                                                                                                                                                         342 VSPEAAAKAAAKA-----AKYGARPGVGVGGIPTYGVGAGGFPGFGVGVG----GI 388
                                                                                                                                                                                                                                                                                                                                                                      424 AKYGVGTPAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGV 483
                                                                                                                                                                                                                                                                                                                                                                                                                                   484 APGVGVAPAIGPG------GVAAAAKSAAKVAAKAQLRAAAGIGAGI 524
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                                             191 YGLPYT-TGKLPYGYGPGGVAGAAGKAGYPTGTGVGPQAAAAAAAAAKFGAGAAGVLP
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Suite 200
PGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKA------
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TITLE OF INVENTION: Tissue Adhesive Using Synthetic
                                                                                                            GVG--GAGVP--GVPG-AIPGIG----GIAGVGTPAAAA---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: FLEHR, HOHBACH, TEST, STREET: Four Embarcadero Center,
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ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                144 PTGAGVKPKAPGVG------GAFAGIPGVGPFGGPQPFGV
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                                                                                                                                                                              321; Gaps
                                                                                                                                          28.3%; Score 1070.5; DB 15; Length 2055; 35.9%; Pred. No. 2.8e-55; Live 51; Mismatches 273; Indels 321; (
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                                                  ; TOPOLOGY: linear; MOLECTLE TYPE: CDNA; SEQUENCE DESCRIPTION: SEQ ID NO: 81: US-10-096-986-81
SEQUENCE CHARACTERISTICS:
LENGTH: 2055 amino acids
                                    TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                             Query Match 28.3%
Best Local Similarity 35.9%
Matches 362; Conservative
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                                                                                                                                                                                                             667
                                                                                                                                                              832
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                                                                 563 RRSLSPELREGDPSSSQHLPSTPSSPRVPGALAAAKAAKYGAAVPGV-LGGLGALG---- 617
506 AKVAAKAQLRAAAGLGAGIPGLGV-GYGVPGLGV-GAGVPGLGV-GAGVPGFGAGADEGV
                                                                                                ----GSGVGVPLGPLGP-----GVGVPGVGVPGVGVPGKGVP
                                                                                                                               GVGIPG-GVVGAG-PAAAAAAAAAAAAAAAAAAAGFGL----VGAAGLG--GLGVGGLGVPGV
                                                                                                                                                G--GLG----GIPPAAAKAAKYGAAGLGGVLGGAGQFPLGGVAARPGFGLSPIFPGGAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP
STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURENT APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
FILING DATE: 12-Mar-2002
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/444,791
FILING DATE: 22-No. U520030083464A1-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-UWH-1995
APPLICATION NUMBER: US 08/175,155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 06/927,258
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ferrari, Franco A.
Richardson, Charles
Chambers, James
Causey, Stuart
Pollock, Thomas J.
Cappello, Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                        Sequence 81, Application US/10096986 Publication No. US20030083464A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Crissman, John W.
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 117
                                                                                                                                                                                                                                                                                          885
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US-10-096-986-81
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| Db 251 GVPGKGVPGVGVPGVGVPGAGAGAGAGAGAGAGAGAGAGAGAGAGAG | QY 188 PGGYGLPYTTGKLEYGYGPG-GVAGAAGKAGYPTGTGVGPQAAAAAAKA 236 | OY 237 RAKFGAGAAGVLPGYGGAGVPGPLPGIGGIAQVGFPAAAAAAAAAAAKGAAAGL 296 | QY 297 VPGGPCFGPGVVGVPGAGVPGVGVPGAGIPVVPGAGIPGAAVPGVVSPBAAARAAK 353 | 0y 354 A | Oy 381 FCVGVGGIPQVAGYPGVGGVPGYGGVPGVGISPEAQAAAAAA 424 | Qy 425 KYGVGTPAAAAKAAAFGLVPGVGVABGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVG 681 | OY 477 VAPGVGVAPAIGPGGVAAAKSAAKVAAKAQLRAAAGLGAGIPGIGV-GVGVPG 535 | QY 536 LGV-GAGVPGLGV-GAGVPGFGAGADEGVRRSL.SPELREGDPSSSQHLPSTPSSPRVPGA 593 1 1 1 1 1 1 1 1 1 | OY 594 LAAAKAAKYGAAVPGV-LGGLGALGGYGIPG-GYVGAGPAAAAAAKAAAKA 643 : | QY 644AQFGLVGAAGLGGLGVGGLGVFGVGGLG-GIPPAAAAKAGAAGLGGVLG 694 | Qy 695 GAGQFPLGGVAARPGFGLSPI-FPGGACLGK 724 | RESULT 12 US-09-837-969A-37 Sequence 37, Application US/09837969A Setent No. US20020038150A1 GENERAL INFORMATION: | ; APPLICANT: UTLY, Dan ; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration ; FILE REFERENCE: BERL-020/03US | ; CURRENT APPLICATION NUMBER: US/09/837,969A ; CURRENT FILING DATE: 2001-06-19 ; PRIOR APPLICATION NUMBER: US 09/258,723 | FRIOR FILING DATE: 1999-02-20; FRIOR FILING DATE: 1998-05-29; PRIOR FILING DATE: 1998-05-29; PRIOR APPLICATION NUMBER: US 60/076297 | PRIOR FILING DATE: 1998-02-27 ; NUMBER OF SEQ ID NOS: 65 ; SOFFWARE: Patentin version 3.0 ; SEQ ID NO 37 | ; LENGTH: 782 ; TYPE: PRT ; ORGANISM: Artificial Sequence |
|--|--|---|--|----------|---|--|--|--|--|---|--|---|--|--|---|--|---|
| QY 627 GAGPAAAAAAKAAAKAAQKAAGLGGIGVGGLGVGVGGLG-GIPPAAAKAAK 683 111 1 1 1 1 1 1 1 1 1 | Db 987 AGSGAGAGSGAGAGSGAGAGSGAAGYGAGAGSGAAGSGA | | APPLICANT: STEDRONSKY, Erwin R. CAPPELLO, Joseph TITLE OF INVENTION: Tissue Adhesive Using Synthetic | TEST, | . Four Embarcadery Center, States CA CA 7.1 US | COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IRB PC compatible COMPUTER: TRY PC compatible | CURRENT APPLICATION UNDER: US/10/17/931 | FILMS DATE: 05-APT-2004 CLASSIFICATION: <pre> CLASSIFICATION DATA: PRIOR APPLICATION NUMBER: US/08/642,246 TITEN NAME: US/08/642,246 TITEN NAME: CAPACITAN NUMBER: US/08/642,246 TITEN NAME: CAPACITAN NUMBER: US/08/642,246 TITENS NAME: CAPACITAN NU</pre> | ; FILING DATE: CORKNOWD; ; ATTORNEY/AGENT INFORMATION: ; NAME: ROWLAND, BETTAM I ; REGISTRATION NUMBER: 20015 | TELEFERANCE TOWNER: AGILZ/-1/BIK TELEPOMMINICATION INFORMATION: TELEPHONE: 415-781-1989 TELEPAX: 415-388-3249 | INFORMATION FOX ESC. ID NOT 54: | MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 34. 17-931-34 Z7.7%; Score 1049; Match | Best Local Similarity 38.2%; Pred. No. 2.5e-54; Matches 356; Conservative 49; Mismatches 232; Indels 294; Gaps | QY 2 GVPG-AIPG-GVPGGVPYPGAGLGALGGGALGPG | OY 34 GKPLKPVPG | QY 56FPAVTFPGALVPGGVADAAAAXKAARAGAGLGGVPGVGGL 95 | Oy 96 GVSAGAVVPOPGAGVKPGKVPGVGLPGVYPGGV-LPGARF 134 |

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ORGANISM: Artificial Sequence
                                                                                                                                                                                                  ; LOCATION: (1). (782)
; OTHER INFORMATION: Synthetic
US-09-841-321A-37
                                                                                                                                                                                          NAME/KEY: PEPTIDE
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                                                                                                                                                                      GAGVKPGKVPGVGLPGV-YPGGVLPGARFPGVGVLPGVPT-GAGV--KPKAPGVGGAFAG 162
                                                                                                                                                                                                                             GVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV-PGVGVPGVPGVPGRGDSPGVGVPGVG 180
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                                                                                                         2 GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALG-PG-GKPLKPVPG-GLAGAGLGAG
                                                         26.4%; Score 998; DB 9; Length 782;
41.7%; Pred. No. 2.1e-51;
ative 47; Mismatches 270; Indels 152;
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NAME/KEY: PEPTIDE
JOCATION: (1)...(782)
COTHER INFORMATION: Synthetic
US-09-837-969A-37
                                                                                 Matches 336; Conservative
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                                                                    Similarity
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TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration FILE REPERROCE: BERL-020/04US
CURRENT APPLICATION NUMBER: 05/09/841,321A
CURRENT ELING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: US 09/258,723
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-27
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Version 3.0
LENGTH: 782
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           VGVPGVGVPGVPGVGVPGVGVP---PGV---PGV---PGVPGVPGVPGVPGVPGVP-------
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| Qy 418 AAAAKAAKYGVGTPAAAAKAAAKAAGFGLVPGVGVAPGVAP | RESULT 15 US-09-841-321A-34 Sequence 34, Application US/09841321A Sequence 34, Application US/09841321A Sequence 34, Application US/09841321A Patent No. US20020116069A1 GENERAL INFORMATION: APPLICATON UNDER: US 09/0841,321A TILLE PREPRINCE: BERL-020/04US CURRENT APPLICATION NUMBER: US 09/258,723 PRIOR APPLICATION NUMBER: US 09/258,723 PRIOR APPLICATION NUMBER: US 60/087155 PRIOR APPLICATION NUMBER: US 60/087155 PRIOR PILING DATE: 1998-05-29 PRIOR PILING DATE: 1998-02-27 NUMBER OF SEQ ID NOS: 65 SOFTWARE: PATENTING DATE: 1998-02-27 NUMBER OF SEQ ID NOS: 65 SEQ ID NO 34 LENGTH: 2003 TYPE: PRI ORGANISM: Artificial Sequence FRAURE: PRIVE PRIOR FRAURE: PRIVE PRIVIDE COCATION: (1)(2003) COTHER INFORMATION: Synthetic | Cuery Match Query Match Best Local Similarity 41.7%; Pred. No. 5.2e-51; Matches 336; Conservative 47; Mismatches 270; Indels 152; Gaps 63; Matches 336; Conservative 47; Mismatches 270; Indels 152; Gaps 63; Qy 2 GYPG-AIPG-GVPGGVFYPGAGIGGAGGGAGGAG-PG-GRAGGIGAG 52 |
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| QY 643 AAQFGLVGAAGLGGLGVGGLGVPGVGGLG-GIPPAAAAKAGAAGLGGV-LG 694 Db 663 VGVPG-VGCVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV | | 163 IPGVGPFGGPQPGVPL-GXPIKAPKLDGGYGLPYTTGKLPYGYGGVGGVAGAAGKAG 164 |

| GAGVPGVPG-AIPG 265 VPGVGVPGVGVGDSPGVGVPG 289 | GPGFG-PGVVGVPGAG 314 | KRAKYGARPGVGVGGIPT 370 : : svpgr-gdSpGvGVpGvGvpG 405 | GVGGVPGVGISPEAQA 417 | IGVAPGVGVAPGVGLAPGVGV 477 | AQLRAAAGL-GAGIPGLGV-G 530 : : : : :VGVPGVGVPGVGVPG 556 | PELREGDPSSSQHLPSTPSSP 588 | s-gvvgagpaaaaaaakaak 642 svgvpgvgvgvgvgvg 662 | PAAAAKAAKYGAAGLGGV-LG 694 | |
|--|--|---|--|---|---|--|---|---|-----------------------------------|
| YPTGTGVGPQAAAAAAAAKFGAGAAGV-LPGVG | IGGIAGVGTPAAAAAAAAAAAAKAAKGAAAGLVPGGPGFG-PGVVGVPCAG : | VPGVGVPGAGIPVYPGAGIPGAAVPGVVSPEAARRAARAAKYGARPGVGVGGIPT | YGVGAGGFPGFGV-GVGGIPGVAGVPGVGGVPGVGGVPGVGISI | AAAAKAAKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGTAPGVGT | APGYGVAPGGYGVAPAIGPGGVAAAAKSAAKVAAKAQLRAAGL-GAGIPGLGV-G : | VGVPGLGV-GAGYPGLGV-GAGVPGFGAGADEGVRRSLSPELREGDPSSSQHLPSTPSSP | RVPGALAAAKAAKYGAAVPGV-LGGLGALGGVGIPG-GVVGAGPAAAAARAAAK | AAQFGLVGAAGLGGLGVGGLGVPGVGGLG-GIPPAAAKAAKYGAAGLGGV-LG | GAGOPPLGGVAARPGFGLSPI-FPG 718 |
| 218 | 266 | 315 | 371 | 418 | 478 | 531 | 589 | 643 | 722 |
| QY | QY Db | QY Dp | QY QD | QY | QY | QY | QY | QY | QY |

Search completed: October 10, 2003, 19:02:25 Job time: 60.1597 secs

Pending Nucleic Acid and Pending Amino Acid database searches generate two sets of results each. The Pending databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions .rnpm and .rnpn

Searches run against the Amino Acid Pending database produce two sets of results, with the extensions .rapm and .rapn

Because they contain data that is confidential, the results of Pending database searches should not be left in the case.

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Sequence 4, Appliseduence 2, Appliseduence 3, Appliseduence 3, Appliseduence 3, Appliseduence 3, Appliseduence 3, Appliseduence 3, Appliseduence 217, Applesquence 217, Applesquence 217, Applesquence 212, Applesquence 213, Applesquence 214, Applesquence 24, Applesquence 24, Applesquence 38, Applesquence 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09964662
Sequence 1, Application US/09964662
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITIES LTD.
APPLICANT: HSC RESIBACH AND DEVELOCHENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT PELICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
PRIOR FILING DATE: 1999-06-29
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Sequence 82, 3
Sequence 14, 1
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llarity 100.0%; Pred. No. 1.2e-236;
Conservative 0; Mismatches 0;
US-08-707-237-53
US-10-096-986-82
US-09-463-091-14
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SOFTWARE: Patentin Ver. 3
SEQ ID NO 1
LENGTH: 731
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US-09-964-662-1
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Matches 731; Conserv
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                                                     Sequence 1, Appli
                                                                                                                                                                 ; Search time 534.46 Seconds (without alignments) 1244.528 Million cell updates/sec
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1 GGVPGAIPGGVFGGVFYPGA......LSPIFPGGACLGKACGRKRK
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/cgn2_6/ptodata/1/paa/US104_COMB.pep:*
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                             GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
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Maximum Match 100%
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GGVPGAIPGGVPGGVFYPGAGLGALGGGALGPGGKPLKPVPGGLAGAGLGAGLGAFPAVT 60
           APPLICANT: CARGILL, Michele
APPLICANT: UNKE, May
APPLICANT: LUKE, May
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1457
CURRENT PAPLICANTON NOMBER: US/60/453,050
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SEQ ID NO 10289
LENGTH: 757
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APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
APPLICANT: TAKOUBOVA, Olga
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: GENETIC POLYMORPHISMS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001456
CURRENT APPLICATION WINDER: US/60/453,135
CURRENT APLICATION WINDER: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FRASED for Windows Version 4.0
SEQ ID NO 10289
LENGTH: 757
TYPE: PRT
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Score 3781; DB 32;
Pred. No. 2.2e-236;
                                    0; Mismatches
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Pred. No. 2.2e-236;
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; GENERAL INFORMATION:
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Matches 730; Conservative
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                                      ORGANISM: HOMO
  SEQ ID NO 10289
LENGTH: 757
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           LENGIH: 757
TYPE: PRT
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CLOOM466
CURRENT APPLICATION NUMBER: US/60/466,412
CURRENT FILING DATE: 2003-04-30
SUFTEREN FILING DATE: 42021-04-30
SOFTWARE: FASLSEQ for Windows Version 4.0
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                                                               Gaps
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                                      757;
                                      Length
                                                             Indels
                                   Score 3781; DB 32;
Pred. No. 2.2e-236;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 10289, Application US/60466412 GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
                                   99.9%;
ilarity 99.9%;
Conservative 0
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 sapiens
                                                Local Similarity
 ; ORGANISM: HOHO :
US-60-453-135-10289
Homo
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                                                             Matches 730;
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Best Local S
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Version #1.30

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63 FPGALVPGGYADAAAAXKAAKAAKAGGGYPGYGGLGYSAGAVVPQPGAGYKPGKVPGYGG 122
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                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER 18/09/463,091
FILING DATE: 31-Mar-2000
CLASSIPICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 04828ZK
TELECOMMUNICATION INFORMATION:
TELEPHONE: 61 2 9957 5944
TELESTA: 61 2 9957 6288
TELEX: 26547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PO8117
FILING DATE: 18-JUL-1997
ATTORNEY, AGENT INFORMATION:
NAME: GUGHLEY, THOMAS P
STREET: 168 WALKER STREET CITY: NORTH SYDNEY STATE.
                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 733 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: <Unknown>
                                                      STATE: NEW SOUTH WALES COUNTRY: AUSTRALIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 2:
                                                                                     ZIP; 2060
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
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Matches 729;
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                                                                                                                     Length 731;
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UNIVERSITY, SYDNEY
TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                     Score 3775; DB 21;
Pred. No. 5.2e-236;
0; Mismatches 2;
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                                                                                                                       99.78;
                                                                                                                       Query Match
Best Local Similarity 99.7
Matches 729; Conservative
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   SOFTWARE: Patentin Ver.
                                                      TYPE: PRT
ORGANISM: Homo sapiens
                  SEQ ID NO 4
LENGTH: 731
                                                                                        US-09-743-818-4
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                                                                                     VGVAPGVGVAPAIGPGGVAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGVGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/463,091
FILING DATE: 31-Mar-2000
CLASSIFICATION: CURMOND>
PRIOR APPLICATION: CURMOND>
FILING DATE: 18-UUL-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                          UNIVERSITY, SYDNEY
TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      94.5%; Score 3578.5; DB 1 95.2%; Pred. No. 2.7e-223;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 168 WALKER STREET CITY: NORTH SYDNEY STATE: NEW SOUTH WALES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: GUMLEY, THOMAS P
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 61 2 9957 5944
TELEFAX: 61 2 9957 6288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: GRIFFITH HACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                           US-09-463-091-3; Sequence 3; Application US/09463091; GENERL INFORMATION: APPLICANT: WEISS, ANTHONY S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGIH: 698 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: AUSTRALIA
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GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
TITLE OF INVENTION: ELASTIN PREVENTS OCCLUSION OF BOD)
TITLE OF INVENTION: MUSCLE CELLS
TITLE OF INVENTION: MUSCLE CELLS
CURRENT APPLICATION NUMBER: PCT/US03/09391
CURRENT APPLICATION NUMBER: 2003-03-27
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.2
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GENERAL INFORMATION:
APPLICANT: HE-STUDME, HOLGER
APPLICANT: RABETSCHWAR, JOERN
APPLICANT: KREFT, BERTHOLF
APPLICANT: WINTERHAGER, ELKE
APPLICANT: WINTERHAGER, ELKE
APPLICANT: WINTERHAGER, ELKE
APPLICANT: REGIDOR, PEDRO
APPLICANT: SCOTTI, SIMONE
FILE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRICSIS
FILE REFERENCE: SCH-1789
CURRENT APPLICANTON NUMBER: US/09/961,403
CURRENT FILING DATE: 2001-09-25
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NUMBER OF SEQ ID NOS: 15
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US-09-961-403-8
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LENGTH: 730
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FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL 120
                               FPGALVPGGVADAAAAKKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL 120
                                                         PGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLGY 180
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GENERAL INFORMATION:
APPLICANT: The University of Sydney;
ITLE OF INVERTION: Procease Susceptibility
FILE REFERENCE: Weiss Protease
CURRENT FILING DATE: 2001-01-15
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 95.2
Matches 696; Conservative
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ORGANISM: Homo sapiens
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                                                                                             Length 712;
                                                                                                                         Indels
                                                                                               Score 3458.5; DB 19;
Pred. No. 1.7e-215;
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GENERAL INPORMATION:
APPLICANT: University of Utah Research Foundati
APPLICANT: Keating, Mark T.
APPLICANT: L., Dean Y.
TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
FILE REFERENCE: 22458-702
                                                                                                           Pred. No. 1.7e
0; Mismatches
     SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                               91.4%;
92.1%;
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              SEQ ID NO 3
LENGTH: 712
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                           Best Local Similarity
Matches 679; Conserv
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                                                      GGVPGAIPGGVPGGVFYPGAGLGALGGGALGPGGKPLKPVPGGLAGAGLGAGLGAFPAVI
                                                                                GGVPGAIPGGVPYPGAGLGALGGGALGPGGKPLKPVPGGLAGAGLGAGLGAFPAVT
                               Gaps
                             39;
  Length 730;
                             Indels
    DB 25;
                Pred. No. 2e-222;
0; Mismatches 2;
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    Score 3565.5;
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PRIOR FILING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: US 09/258,217
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 8
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tch 94.2%;
al Similarity 94.4%;
696; Conservative
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                                                                                                                                                                                    DB 19; Length 730;
                                                                                                                                                                                                         Indels
                                                                                                                                                                                 91.4%; Score 3458.5; DB 1
llarity 92.1%; Pred. No. 1.7e-215;
Conservative 0; Mismatches 1;
                                                                                                                                                 OTHER INFORMATION: Human elastin-c-myc fusion
       CURRENT FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: PCT/US00/02526
PRIOR APPLICATION NUMBER: PCT/US00/02526
PRIOR FILING DATE: 1999-02-28
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
CURRENT APPLICATION NUMBER: US/09/554,996
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            213 PGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLGY 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               241 GAGAAGVLPGVGGAGVPGVPGAIPGIGGIAGVGTPAAAAAAAAAAAKAAKYGAAAGLVPGG 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PGFGPGVVGVFGAGVPGVGVPGAGIPVVPGAGIPGAAVPGVVSPEAAAKAAAKAAKIGAR 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PGVGVGGIPTYGVGAGGFPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAA 420
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            of the naturally occurring L-amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    51; Gaps
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                                                                                                                                                                                             Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 258
SOFTWARE: PatentIn Ver. 2.0
Sequence 217, Application US/09760494

SENERAL INFORMATION:
APPLICAMY: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPREMCE: FOOL8
CURRENT APPLICATION UNBER: US/09/760,494
CURRENT PILING DATE: 2001-01-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 3450.5; DB 22;
Pred. No. 6e-215;
0; Mismatches 4; I
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OTHER INFORMATION: Xaa equals any
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                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: HOMO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: SITE
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| GGVPGAIPGGVPEGAPEGALGGGALGPGGRPLKPVPGGLAGAGLGAGLGAPPAVT 60 | Db 273 PIKAPKIPGGTGIPTTTGKIPTGGYGGAGGAGGKAGYPTGTGYGPGAAAAARKAAKF 332 Qy 241 GAGAAGYLPGYGGAGYPGYPGALPGIGGIAGYGTPAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 481 VGYAPGVGVAPAIGPGGVAAAKSAAKVAAKAQIRAAAGLGAGIPGLGVGVGVPGLGVGG | QY 721 CLGKACGKRR 731 Db 762 CLGKACGRRR 772 RESULT 15 US-10-210-172-38 SSQuence 38 Application US/10210172 GENERAL INFORMATION: APPLICANT: Miller Charles APPLICANT: Maller Charles APPLICANT: Parturajan, Meera APPLICANT: Parturajan, Meera APPLICANT: Parturajan, Meera APPLICANT: Parturajan, Meera APPLICANT: Shimkets, Richard APPLICANT: Shimkets, Richard APPLICANT: Li, Li APPLICANT: Li, Li APPLICANT: Daigaru, Muralidhara APPLICANT: Gasman, Stacie APPLICANT: Boldogy Ferenc APPLICANT: Boldogy Ferenc APPLICANT: Gasman, Stacie APPLICANT: Gasman, Leite, Mario |
|--|--|---|---|
| DD 633 GVPGLGVGAGVPGEXA | RESULT 14 US-10-223-026-217 Sequence 217, Application US/10223026 GENERAL INFORMATION: APPLICANT: Rosen et al. ITILE OF INVENTION: Mucleic Acids, Proteins, and Antibodies FILE REPREMENCE: PC018CH10 CURRENT FILING DATE: 2002-08-19 PRIOR APPLICATION NUMBER: 09/760,494 PRIOR APPLICATION NUMBER: 09/760,494 PRIOR APPLICATION NUMBER: 09/760,494 PRIOR FILING DATE: 2001-01-16 PRIOR FILING DATE: 2001-01-16 PRIOR FILING DATE: 2000-01-31 PRIOR APPLICATION NUMBER: 60/19,065 PRIOR APPLICATION NUMBER: 60/19,065 PRIOR APPLICATION NUMBER: 60/180,628 PRIOR APPLICATION NUMBER: 60/214,886 | | TERMINENT 772 TORANIEM Homo sapiens FRATURE: NAME/KRY: misc_feature LOCATION: (125) OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KRY: misc_feature LOCATION: (192) OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids FRATURE: NAME/KRY: misc_feature LOCATION: (488) OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids FRATURE: NAME/KRY: misc_feature LOCATION: (488) OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids FRATURE: NAME/KRY: misc_feature LOCATION: (647) OUGETY MAtch OUGETY MAtch OUGETY MAtch OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NS-10-223-026-217 OUGETY MAtch Matches 676; Conservative 0; Mismatches 4; Indels 51; Gaps 2; |

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416 QAAAAAKYAKYGVGTPAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGV 475
                                                                                                                                                   GLGVGGLGVPGVGGLGGIPPAAAKAAKYGAAGLGGVLGGAGQFPLGGVAARPGFGLSPI 715
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                                                                                                                                                                                                             476 GVAPGVGVAPGVGVAPAIGPGGVAAAAKSAAKVAAKAQLRAAGLGAGIPGLGVGVGVPG 535
                                                                                                                                                                                                                                                                                                                            327 LVPGGPGFGPGVVGVPGAGVPGVGVPGAGIPVVPGAGIPGAAVPGVVSPEAAAKAAAKAA 386
                                                                                                                                                                                                                                                                                                 LGVGAGVPGLGVGAGVPGFGAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPRVPGALA 595
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                                           QY
                                                                                                                                                                                                                                    APPLICANT: Stone, David
APPLICANT: Alsobrook II, John
APPLICANT: Lepley, Denise et al.
IIILE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
CURRENT APPLICATION NUMBER: US/10/210,172
CURRENT FILING DATE: 2001-08-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 176 VPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGVGPQAAAAAAX 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 FPGALVPGGVADAAAYKAAKAGAGLGGVPGVGGLGVSA----GAVVPQPGAGVKPGKV 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                236 AAAKFGAGAAGVLPGVGGAGVPGVPGAIPGIGGIAGVGTPAAAAAAAAAAAKYGAAAG 295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LVPGGPGFGPGVVGVPGAGVPGAGIPVVPGAGIPGAAVPGVVSPEAAAKAAAKAA 355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR FILING DATE: 2001-08-02
PRIOR FILING DATE: 2001-09-21
PRIOR FILING DATE: 2001-09-21
PRIOR FILING DATE: 2001-09-21
PRIOR PRILOR APPLICATION NUMBER: 60/310,291
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-04
PRIOR FILING DATE: 2001-08-07
PRIOR PRILOR APPLICATION NUMBER: 60/310,544
PRIOR PILING DATE: 2001-08-07
PRIOR PILING DATE: 2001-08-07
PRIOR FILING DATE: 2001-08-07
PRIOR FILING DATE: 2001-08-13
PRIOR FILING DATE: 2001-08-13
PRIOR PILING DATE: 2001-08-13
PRIOR PILING DATE: 2001-08-17
PRIOR FILING DATE: 2001-08-17
PRIOR PILING DATE: 2001-08-17
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Pred. No. 5.9e-215;
1; Mismatches 2;
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92.0%;
                                                                                        Hjalt, Tord
Rastelli, Luca
Spytek, Kimberly
Edinger, Shlomit
                                                                                                                                                                       Ellerman, Karen
Malyankar, Uriel
MacDougall, John
                                                               Gerlách, Valerie
Hjalt, Tord
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    Anderson, David
Guo, Xiaojia
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US-10-210-172-38
                                               Zhong, Mei
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Best Local S
Matches 677
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October 10, 2003, 18:41:13 ; Search time 17.6725 Seconds (without alignments) 1227.665 Million cell updates/sec
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SUMMARIES

Pending_Patents_AA_New:*

1. /cgn2_6/ptodata/2/paa/US06_NEW_COMB.pep:*

2. /cgn2_6/ptodata/2/paa/US06_NEW_COMB.pep:*

3. /cgn2_6/ptodata/2/paa/US07_NEW_COMB.pep:*

4. /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep:*

5. /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep:*

6. /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep:*

7. /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep:*

Database :

Description PCT - USO2 - 24483 - 40 US-10-9807 - 742A-1 US-10-807 - 742A-1 US-60-487 - 610-2047 US-60-487 - 610-2045 PCT - USO3 - 25780 - 3145 US-60-487 - 610-2046 PCT - USO3 - 2580 - 3680 US-60-487 - 610-2409 US-60-487 - 610-2419 US-60-487 - 610-2411 US-60-487 - 610-233 US-60-487 - 610-1578 US-60-487 - 610-1578 US-60-487 - 610-1686 PCT - USO3 - 25827 - 4719 US-60-487 - 610-1686 US-60-487-610-1796 PCT-US02-24483-38 US-60-487-610-1797 DB Length Query 578.5 578.5 578.5 578.5 578.5 578.5 570.5 570.5 570.5 570.5 Score 3781 3450 3439 3329 975.5 6010.5 601.5 601.5 501.5 587 Result М М

| Sequence 20, | Seguence 4, | 16 Seguence 3116, | Sequence | | 4 Sequence 1904, | | Sequence | | Seguence | | Seguence | | Sequence | Seguence | 6 Seguence 28 | Seguence | - | Sequence |
|-------------------|-----------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|-------------------|--------------------|
| US-09-820-843B-20 | US-10-648-813-4 | PCT-US03-26780-3116 | US-60-487-610-2492 | US-60-487-610-2493 | US-60-487-610-1904 | US-60-487-610-2242 | US-60-485-450-1437 | US-60-487-610-1713 | PCT-US03-26780-341 | PCT-US02-29560A-202 | US-60-487-610-2823 | US-60-487-610-2820 | US-60-487-610-2818 | US-60-487-610-2824 | US-60-487-610-281 | US-60-487-610-2825 | US-60-487-610-282 | US-60-487-610-2822 |
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| 107 | 171 | 582 | 93 | 187 | 169 | 86 | 98 | 1356 | 95. | 1806 | 1110 | 1180 | 1184 | 1184 | 128 | 138 | 140 | 148 |
| 14.8 | 14.7 | 14.7 | 14.4 | 14.0 | | • | 13.7 | 13.6 | ٠ | | | 13.5 | • | ٠ | | 13.5 | • | • |
| 559.5 | 557.5 | 556 | 543.5 | 530 | 521 | 519.5 | 519.5 | 516.5 | 512 | 512 | 511 | 511 | 511. | 511 | 511 | 511 | 511 | 511 |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |

ALIGNMENTS

| , S. | 0; | 98 | 120 | 180 | 240 | 300 | 360 | 420 |
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| ULT I 60-487-610-1796 60-487-610-1796 equence 1766, Application US/60487610 subract Information: APPLICANT: CARGILL, Michele APPLICANT: CARGILL, Michele APPLICANT: CARGILL, Michele APPLICANT: HUANG, Hongjin TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF TITLE OF INVENTION: MOMBER: 105/60/487,610 CURRENT APPLICATION NUMBER: 2003-07-17 NUMBER OF SEQ ID NOS: 97101 EQ ID NO 1796 EQ ID NO 1796 EQ ID NO 1796 60-487-610-1796 | 99.9%; Score 3781; DB 7; Length 757; 99.9%; Pred. No. 8.7e-56; 7ative 0; Mismatches 1; Indels 0; Gaps | GGVPGAIPGGVPGGVPTPGAGLGALGGGALGPGGKPLKPVPGGLAGAGLGAGLGAFPAVT 60 | FPGALVPGGYADAAAAKRAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL 120 | DGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLGY 180 | PIKAPKLPGGYGLPYITGKLPYGYGPGGVAGAAGKAGYPTGIGVGPQAAAAAAAKF 240 | GAGAAGVLPGVGGAGVPGVPGAIPGIGGIAGVGTPAAAAAAAAAAKAAKYGAAAGLVPGG 300 | PGFGPGVGVPGAGVPGVGVPGAGIPVVPGAGIFGAAVPGVVSPEAAKAAKAAKKGAR 360 | PGVGVGGIPTYGVGAGGFPGFGVGVGGIPGVAGVPGVGGVFGVGGVPGVGISPEAQAAAA 420 |
| 1796 6, A RMAT RMAT CHUA HUA VENT VENT VENT VENT VENT VENT VENT VENT | imil ; C | GGVP | FPGA FPGA | PGVY PGVY | PIKA PIKA | GAGA GAGA | PGFG PGFG | ₽SPG |
| 7-6 CCAN CCAN CCAN CCAN CCAN CCAN CCAN CCA | Query Match Best Local Similarity Matches 730; Conser | 1 27 | 61 | 121 | 181 | 241 | 301 | 361 |
| RESULT 1 US-60-48 Sequen GENERA APPLIT TITLE TITLE TITLE TITLE TITLE TITLE TITLE TITLE STRING SOFTW SECTOWBE SOFTW SECTOWBE SOFTW SECTOWBE SOFTW SECTOWBE SOFTW SECTOWBE TENG TENG TENG TENG TENG TENG TENG TEN | Que Best Matc | Qy Dp | Qy Dp | QY Db | Qy | QY | QY | Qy |

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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001469
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Pred. No. 2.6e-50;
0; Mismatches 1; Indels 55;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/60/487,610 CURRENT FILING DATE: 2003-07-17 NUMBER OF SEQ ID NOS: 97101 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1797 LENGTH: 702
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ilarity 92.3%;
Conservative (
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US-60-487-610-1797
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US-60-487-610-1797
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CURRENT PILING DATE: 2002-08-02

PRIOR APPLICATION NUMBER: 60/303,501

PRIOR APPLICATION NUMBER: 60/313,994

PRIOR PILING DATE: 2001-09-21

PRIOR PILING DATE: 2001-09-21

PRIOR PILING DATE: 2001-09-31

PRIOR PILING DATE: 2001-09-31

PRIOR PILING DATE: 2001-09-31

PRIOR PILING DATE: 2001-08-09

PRIOR PILING DATE: 2001-08-19

PRIOR PILING DATE: 2001-08-19
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 38
LENGTH: 711
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Pred. No. 1.8e-50;
1; Mismatches 2;
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Best Local Similarity 92.0%;
Matches 677; Conservative
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ORGANISM: Homo sapiens
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Pred. No. 1.5e-48;
0; Mismatches 2;
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PRIOR APPLICATION NUMBER: 60/310,544

PRIOR FILING DATE: 2001-08-07

PRIOR APPLICATION NUMBER: 60/311,292

PRIOR APPLICATION NUMBER: 60/311,979

PRIOR PILING DATE: 2001-08-13

PRIOR PLING DATE: 2001-08-13

PRIOR PLICATION NUMBER: 60/313,201

PRIOR FILING DATE: 2001-08-17

PRIOR PLICATION NUMBER: 60/312,892

PRIOR PLING DATE: 2001-08-16

Remaining Prior Application data removed - 80 PRIOR PLICATION NUMBER: 60/312,892

PRIOR PLING DATE: 2001-08-16

ROPTWARE OF SEQ ID NOS: 327

SEQ ID NO 40

LENGTH: 692
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Matches 658; Conservative
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PCT-US02-24483-40
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                                                                         FPGALVPGGVADAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL 120
                                                                                                75 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGVKPGKVPGVGL 134
                                                                                                                                PGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLGY 180
                                                                                                                                                         135 PGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKA-----PGVGPFGGPQPGVPLGY 184
                                                                                                                                                                                                                                                             PGFGPGVVGVPGAGVPGAGIPVVPGAGIPGAAVPGVVSPEAAAKAAAKAAKYGAR 360
                                                                                                                                                                                                                                                                                                                                                         PGVGVGGIPTYGVGAGGFPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAA 420
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                                           ------GLGAFPAVT
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                                    GCVPGAIPGGVPGGVFYPGAGLGALGGGALGPGKPLKP
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TITLE OF INVENTION: THERAEDITC POLYPEPTIDES, NUC.
FILE REFERENCE: 21402-4164-061.

CURRENT APPLICATION NUMBER: PCT/US02/24483

CURRENT FILING DATE: 2002-08-02

PRIOR PELLORION NUMBER: 60/389,501

PRIOR FILING DATE: 2001-08-02

PRIOR APPLICATION NUMBER: 60/323,994

PRIOR APPLICATION NUMBER: 60/373,814

PRIOR APPLICATION NUMBER: 60/373,814

PRIOR APPLICATION NUMBER: 60/373,814

PRIOR PELLING DATE: 2002-04-19

PRIOR FILING DATE: 2001-08-03

PRIOR FILING DATE: 2001-08-03

PRIOR FILING DATE: 2001-08-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   130 PGARFPG-----VGVLPGVPTGAGV------KPKAPGVGGAFA--GIPGVGPF 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              170 GGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGVGPQAA 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             230 AAAAAKAAAKFGAGAAGVLPGV-GGAGVPGVPG--AIPGIGGIAG------VGTPAAAA 279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -----KGDKGAQG-LPGITGQSGLPGLPGQQGAPGIPGFPGSKGEMGVMGT---- 886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -------PGQPG-SPGPVGAPGLPGEKGDHGFPGSSGPRGDPGLKGDKG 927
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    PGLGV-GAGVPGFGAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPRVPGALAAAKAAK 601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             32 PGGKPLK--PVPGGLAGAGLGAGLGAFPAVT----FPGALVPGGVADAAAXKAAKAGAG 85
                                                                                                                                                                            --GLGVGGLGVPGVG--GLG----GIP----PAAAAKAAKYGAAGLGGV-LGGAGQFPLG
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                                                                                        602 YGAAVPGV-LGGLGALG----GVGIPG-GVVGAGPAAAAAAAAAAAAAQFGLVGAAGLG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GERRITSEN, MARY E.
APPLICANT: PEALE JR., FRANKLIN V.
APPLICANT: WU, THOMAS D.
TITLE OF INVENTIONS: METHODS FOR THE TREATMENT OF CARCINOMA FILE REFERENCE: P1928R1P1
CURRENT APPLICATION NUMBER: US/10/372,683
CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: US 10/271,690
PRIOR FILING DATE: 2002-10-16
PRIOR FILING DATE: 2002-10-16
PRIOR FILING DATE: 2001-10-18
PRIOR FILING DATE: 2001-10-18
NUMBER OF SEQ ID NOS: 49
                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      tch 16.1%; Score 610.5; DB 6; al Similarity 28.5%; Pred. No. 0.00011; 261; Conservative 66; Mismatches 300;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ---GIGALG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 86 LGGVPGVGGLGVSAGAVVPQPGAGVKPG----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 GVPGAI ---- PGGVPGGVFYPGA -----
                                 703 -- GVAARPGFGLSPI-FPG 718
                                                                                                                                                                                                                                                                                                        679 VPGVGV-PGVGVPGVPG 696
                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 8, Application US/10372683; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         323 -AGIPVVPGA--
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Best Local Similarity
Matches 261; Conserv
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US-10-372-683-8
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ORGANISM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   YGVGTPAAAAAKAAAKAAQFGLVPGVGVAPQVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVP 485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LGAFPAVTFPGALVPGGVADAAAAYKAAKAGAGLG--GVPGVG--GLGVSAGAV--VPQP 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    164
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         220 TGTGVGPQAAAAAAAAKAAAKFGAGAAGV-LPGVG--GAGVP--GVPG-AIPGIG----GI 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 284
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    342 VGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGV-----PGVGVPGVGVPGVGVPGVGVPGVGV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61
                                                                                        Sequence 1, Application US/09807742A
GENERAL INFORMATION:
APPLICANT: DANIELL, HENRY
TITLE OF INVENTION:
PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
TITLE OF INVENTION: PLASTING
FILE REFERENCE: 1465-PCT-US-00
CURRENT APPLICATION NUMBER: PCT/059/807,742A
CURRENT FILING DATE: 2001-02-18
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GVPG-AIPG-GVPG----GVFYPGAGLGALGGGALG-PG-GKPLKPVPG-GLAGAGLGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  107 GAGVKPGKVPGVGLPGV-YPGGVLPGARFPGVGVLPGVPT-GAGVKPKAPGVGGAFAGIP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: This sequence may encompass 1-250 Gly Val Gly Val US-09-807-742A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              187;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 25.8%; Score 975.5; DB 5; Length 1250; Best Local Similarity 41.8%; Pred. No. 1.3e-10; Matches 334; Conservative 46; Mismatches 232; Indels 187;
IFPGGACLGKACGRKRK 692
                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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| Db 714 PKGFPGIPGPPGAPGTPGRIGLEGPPGPPGFPGFPGFPGFALPGPPGPPGLPGFKGAL 771 | OY 201 PYGYGPGGVAGAAGKAGYPTGTGYGPQAAAAAAAAAAAAAGKAGAGYDPGVGGAGYDPGVP 260 | Qy 261 GAIPGIGGIAGVGTPAAAAAAAAAAAKYGAAAGLVPGGPGFGPGVVGVPGA-GVPG317 | QY 318VGVPGAGIPVVPGAGIPGAAVPGVVSPEAAAKAAAKKAAKYGARPGVGGIPTY 371 1 1 1 | QY 372 GVGAGGFPGFG-VGVGGIPGVAGVPGVGGVPGVGGVFGVGGVFBAQAAAAKX 426 | QY 427 GVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVA 466 | Qy 467 PGVGLAPGVGVAPGVCGVAPAIGPGGVAAAAKSAAKVAAKAQ 513 | QY 514 IRAAAGLGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGF-GAGADEGVRRSLSPELRE 572 | Qy 573 GDPSSSQHLPSTPSSPRVPGALAAAKXGAAVPGVLGGLGALGGVGIPGGVVGAGPAA 632 | QY 633 AAAAAKAAAKGEGLGGLGGGGGGGGGGVPGVGGLGGIPPAAAKKAGAAG 688 | OY 689 LGGVLGGAGOFPLGGVAARPGFGLSPIFPGGACLG 723 | RESULT 8 US-60-487-610-2045 Sequence 2045, Application US/60487610 SERENAL INFORMATION: APPLICANT: CARGILL, Michele APPLICANT: HUANG, HONGJin TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VINGS-INFECTED SUBJECTS, TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VINGS-INFECTED SUBJECTS, TITLE PREPRENCE: CL001469 CURRENT APPLICATION NUMBER: US/60/487,610 CURRENT FILING DATE: 2003-07-17 NUMBER OF SEQ ID NOS: 97101 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 2045 | ; TYPE: PRT ; ORGANISM: Homo sapiens US-60-487-610-2045 | Query Match 15.9%; Score 601.5; DB 7; Length 1283; Best Local Similarity 31.3%; Pred. No. 0.00013; Matches 255; Conservative 43; Mismatches 295; Indels 222; Gaps 44; | 2 GVPCAIPGGVPGGVFYPGAGLGALGGCALGPGGKP-LKPVPGGLAGAGLG 50 | Oy 51 AGLGAFPAVTFPGALVPGGVADAAAAYKAAKAGAGLGGYPGVGGLGVSAGAVVPQPGAGV 110 |
|---|--|--|---|---|--|---|---|--|--|---|--|--|---|--|--|
| Db 928 DVGLPGKPGSMDKVDNGSMKGQKGDQGEKGQIGPIGEKGSRGDPGTPGVPGKDGQ 982 | QY 351 AAKAAKYGARPGVGGGFPTYGVGAGGFPGFGVGVGGIPQVAGVPGVGGVPGVGG 405 | QY 406 VPGVGISPEAQRAARKAAKYGVGTPAAAARKAARARAARGTGIVPGVGVAPGVG 458 | QY 459 VAPGVGVAPG-VGLAPGVGVAPGVGVAPGVGVAPAIGPGGVAAAAK 503 | QY 504 SAAKVAAKAQLRAAAGL-GAGIPGLGVGVGVPGLGVGAGVPGLG 546 : | QY 547 VGAGVPGFGAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPRVPGALAAARA 599 | QY 600 AKYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAGFGLVGAAGLGGL-G 658 | QY 659 VGGLGVPGVGGLGGIPPAAAAKAAKYGAAGLGGVLGGAGQFPLG 702 S | QY 703 GVAARPGEGLSPIFPG 718 | RESULT 7 US-60-487-610-2047 | ; Sequence Just, Application US/5048F510 ; GENERAL INFORMATION; APPLICANT: CARGILL, Michele ; APPLICANT: HUMAG, Honginn ; TITLE OF INVERMENT. POLYMODELISMS ASSOCIATION WITH | TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRGS-INFECTED SUBJEC TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF CURRENT APALICATION NUMBER: US/60/487,610 CURRENT APALICATION NUMBER: US/60/487,610 CURRENT FILING DAFE: 2003-07-17 SOFTWARE: PastSEQ for Windows Version 4.0 ENGIN 10 2047 ILENGIN: 1268 TYPE: PRT ORGANISM: Homo sapiens 60-487-610-2047 IS-9%; Score 601.5; DB 7; Length 1268; Best Local Similarity 31.3%; Pred. No. 0.00013; Matches 255; Conservative 43; Mismatches 295; Indels 222; Gaps | VY Z GVPAAT-IKG-TOVPGGVKIPG-FALLGALGG-T-GALGFGGKF-LKKPVFGGLAGAGLG 5U | Qy 51 AGLGAFPAVTFPGALVPGGVADAAAAXKAAKAGAGLGGVGGLGVGGLGVSAGAVVPQPGAGV 110 | OY 111 KPGKVPGVGLPGVYPGGYLPGARFPGVGVLPGVPTGAGYKPKAPGVG 157 | QY 158 -GAPAGIPGVGPFGGPQPGVPLGYPIKAPKLPGGYGLPYTTGKL 200 |

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Sequence 3117, Application PC/TUS0326780
Sequence 3117, Application PC/TUS0326780
GENERAL INFORMATION:
APPLICANT: FIPERIME THERAPEUTICS, INC.
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE
FILE REPREMENCE: 08940.0014-00304
CURRENT PELLING DATE: 2003-08-28
PRIOR APPLICATION NUMBER: 60/406,616
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,579
PRIOR APPLICATION NUMBER: 60/406,579
PRIOR APPLICATION NUMBER: 60/406,579
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44;
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                                                                                621
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                                                                                                                                                                                                           111 KPGKVPG-----VGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVG----- 157
                                        20
                                          2 GVPGA--IPG--GVPGGVFYPG--AGLGALGG----GALGPGGKP-LKPVPGGLAGAGLG
                                                                              564 GSPGAPGLPGLPGTPGQDGLPGLPGPKGEPGGTTFKGERGPPGNPGLPGLPGNIGPMG--
                                                                                                                           51 AGLGAFPAVTFFGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAGV
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  Gaps
295; Indels 222;
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Mismatches
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43;
Conservative
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GENERAL INFORMATION:
APPLICANT: CARCILL, Michele
APPLICANT: CARCILL, Michele
APPLICANT: HORDY, HORDY, IN
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
FILE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
FILE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
FILE OF INVENTION UMBER: US/60/487,610
CURRENT APPLICATION NUMBER: US/60/17
NUMBER OF SEQ ID NOS: 97101
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           514 IRAAAGLGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGF-GAGADEGVRRSLSPELRE 572
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                                                                     -----GLPGPKGDVGPNGQPG-P 809
                                                                                                                                                                                                                                                                                                 261 GAIPGIGGIAGVGTPAAAAAAAAAAKAAKYGAAAGLVPGGPGFGPGVGVPGA-GVPG-- 317
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----PGEGPPGPVGE----KGIQGVAGNPGQPGIPGPKGDPGQTITQPG---
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                                                                                                                           158 -GAFAGIPG------VGPFGGPQPGVPLGYPIKAPKLPGGYGLPYTTGKL
                                                                                                                                                                                                                                                                                                                                                                                                               846 GDPGPPGLDVPGPPGERGSPGIPGA--PGPIGPPGSPGLPGKA-----------------
                                          KPGKVPG-----VGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVG-----
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Pred. No. 0.00015;
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US-60-487-610-2046
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Best Local Similarity
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US-60-487-610-2046
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LENGTH: 1685
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GENERAL INFORMATION:
APPLICANT: CAROLLL, Michele
APPLICANT: GENGILL, HONGJIN
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MATHORS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: MATHORS OF DEFECTION AND USES THEREOF
FILE REFERENCE: CL001469
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      186 --PQGVRGEPGPPG--PAGAAGPAGNPGADGQPGAKGANG----APGIAGA-PGFPGARG 236
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          398 GVMGFPGPKGAAGEPGKAGERGVPGPPGAVGPAGKDGEAGAQGPPGPAG-PAGERGEQG- 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              R-----pdapgpagargndgargaagppgprgpagppgrpgaygakgeagpggprgsEg 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     110 VKPGKVPG-VGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGV-G 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 GVPCAIPGGVPGGVFYPG-AGL-GALG-GGALGPGGKPLKP----VPGGLAGAGLGAGLG 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PSGPQGPGGPPG----PK--GNSGEP-----GAPGSKGDTGAKGEPGPVGVQGP
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                                                                                         5091 AGAGGTGGAGAAGCTGTTAGAACAGGAGGCAGCAGGAGGAGCAGGAGGAGGCTGCTGGA
                                                                                                                                                             -- PPAAAAKAAKYGAAGLGGVLGGAGQF
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                            605 AVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAAAAQFGLVGAAGL-
                                                                                                                                                                                                                                                                                                                                                                  5210 -- AGCAGGAGAGGCTGCTGGAGAGGGAGGCTGCTGGACG 5248
                                                                                                                                                                                                                                                                                                     700 PLGGVAARPGFGLSPIFPGGA--------CLGKACG 727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 587; DB 7;
Pred. No. 0.00023;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/60/487,610 CURRENT FILING DATE: 2003-07-17 NUMBER OF SEQ ID NOS: 97101 SOFTWARE FEASESQ for Windows Version 4.0 SEQ ID NO 2407 LENGTH: 1284
                                                                                                                                                                 655 ---GGLGVGGL----GVPGVGGLGGI---
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Best Local Similarity 33.8<sup>3</sup>
Matches 269; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens
US-60-487-610-2407
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1949 TACGTGAACAGGAGGAGGGCTGTGTGAACAGGAGAAGCTGCCAGGGCAGGAGAGGTGC 5008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5009 TGGAAGAGGTGGAGAAGCTGTTAGAACAGGAGAG------GCGGCAGGAGGAGGAGGA 5060
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1661 AACAGGAGAGAGGCTGTGTGA-ACAGGAGGAGGCTACGTGAACATGAGGAGGCTG 4719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4720 TGTGAACAGGAGGAGGCTATGTGAACAG---GAGGAGGCCTACATGAACAGGAGGAG 4776
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1573 ----TGTGAACAGGA------460AGAGGCTGTGTGAACAG-----GAG-----4605
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              549
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                115 VPGVGLPGVYPGGV----LPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFA-----G 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        163 IPGVGPFGGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGK-AGYPTG 221
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PRIOR APPLICATION NUMBER: 60/406,655
PRIOR PILLING DATE: 2002-08-29
PRIOR PILLING DATE: 2002-08-29
PRIOR FILLING DATE: 2002-08-29
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Pred. No. 0.00028;
}; Mismatches 373;
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31.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
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| QY | GVAPAIGPGGVAAAAKSAAKVAAKAQLRAAAGIGA-GIPGLGVG | 4 978 YQ | PGFGVGVGGIPGVA |
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| a a | AGFNGADGOFGNDGVRGEIGFIGFRGFRGFRGDRGESGFSGFRGFIGARGAFGDRGE | Db 456 P | PAGSPGFQGLPGPA |
| QY | 531 VGVPCLGVGAGVPCLGVGAGVPGF-CAGADEGVRRSLSPELEREGDPSSSQHLPSTPSSER 589 | Qy 437 K | KAAAKAAQFGLVPG |
| 3 8 | FGFFGFAGFAGFFGGTT ADSQFGGAGFGFGGAGGAGGGTTTTT FGTTTTTFGFFTTTTTTTTTT | DD 516 P | PRGANGAPG |
| Z qq | -PGPIGNVGAPGAKGARGSAGPPGAAGRVGPPGPSGNAGPPGPPGAGKRGKKG | Oy 488 - | |
| QY | 645 QFGLVGAAGLGGLGVGGLGVPGVGGLGGIPPAAAAKAAKYGAAGLGGVLGGAGQ- 698 | 568 | AGPKGADGSPGKDG |
| qa | 729 PRGETGPAGRPG-EVGPPGPPGPAGEKGSPGADGPAGAPGTPGPQGTAGQRGVVGLPGQR 787 | QY 531 V | VGVPGLGVGAGVPG |
| QY | 699FP-LGGVAARPG 709 |) (| New Transfer Control |
| ପୁପ | 788 GERGFPGLEGESGEPG 803 | | VFGALAAAN. : -PGPIGNVGAPGAK |
| RESULT | 12 | QY 645 Q | OFGLVGAAGLGGLG |
| Sequ Sequ | US-00-403-4-0-1221 Sequence 1521 Application US/60485450 GRUPDI INDOMATION | DD 729 P | |
| | incl. Incomment. Incomment. | - 669 - AO | FP-LGGVAAR |
| iii ; | GENETIC POLYMORPHISMS ASSOCIATED WITH RESPONSE TO INTERFERON TREATMENT IN HEPATITIS C | D 25 788 G | GERGFPGLPGPSGE |
| | OF DETECTION | RESULT 13 | |
| | FILE REFERENCE: CL001470 CURRENT APPLICATION NUMBER: US/60/485,450 | PCT-US02-18638A-36 ; Sequence 36, App | T-US02-18638A-36 Sequence 36, Application P |
| | INTERNITY FILENCE DATE: 2003-07-09 | ; GENERAL INFOR | APPLICANT: Millennium Pha |
| SEQ ; | SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1521 | ; TITLE OF INV | TITLE OF INVENTION: NOVEL TITLE OF INVENTION: IDEN |
| 3E | | ; TITLE OF INV ; FILE REFEREN | TITLE OF INVENTION: OF C FILE REFERENCE: MRI-035PC |
| ; 09-SD | ; ORGANISM: Homo sapiens US-60-485-450-1521 | ; CURRENT APPLICATION ; CURRENT FILING DATE: | CURRENT APPLICATION NUMBE CURRENT FILING DATE: 200 |
| Query Masst Loo | Query Match 15.5%; Score 587; DB 7; Length 1284; Best Local Similarity 33.8%; Pred. No. 0.00023; Matches 269; Conservative 32; Mismatches 341; Indels 154; Gaps 47; | ; PRIOR APPLIC ; PRIOR FILLING ; PRIOR APPLIC ; PRIOR FILING | PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 2001-0 PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 2001-0 |
| | 6 A TAKA TAKA TAKATAN TAKATAN TAKA TAKA T | ; PRIOR APPLIC | ATION NUMBER: |
| 3 8 | GLPGTAGLPGMKGHRGFSGLDGAKGDAGPRGFSTORTYPGGLAGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG | NUMBER OF SEQ | FILING DAIE: ZOUTT ROF SEQ ID NOS: 238 RE: FastSEQ for Win |
| QY | 55 AFPAVTFPGALVPGGVADAAAAXKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAG 109 | ; SEQ ID NO 36 ; LENGTH: 1464 | 79 |
| qa | 132 RPGAPGPAGARGNDGATGAAGPPGPTGPAGPPGFPGAVGAKGEAGPQGPRGSEG 185 | ; TYPE: PRT ; ORGANISM: HOMO | Homo sapiens |
| QY | 110 VKPGKVPG-VGLPGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGV-G 167 | FCI-USUZ-10030F | |
| qq | 186PQGVRGEPGPPGPAGAAGPAGPAGPAGPGQPGAKGANGAPGIAGA-PGFPGARG 236 | Query March Best Local Sim | Similarity 33 |
| QY | 168 PFGGPQPGVPLGYPIKAPKLPGGYGLPYTIGKLPYGYGPGGVAGAAGKAGYPIGTGV-GP 226 | 9 0 | |
| qa | 237 PSGPQGPGGPPGPKGNSGEPGAPGSKGDTGAKGEPGPVGVQGP 279 | 7 4 | |
| QY | 227 QAAAAAAAAAAAAGAAGULPGVGGAGVPGVPGAIPGIGGIAGV-GTPAAAA 279 | | GEFGI AGEFGEN AFPAVIFPGALVPG |
| Db | 280 PGPAGEEGKRGARGEPGPTG-LPGPPGERGGPGSRGFPGADGVAGFKGPAGERGSPGPAG 338 | 31.0 | |
| QY | 280 AAAAAAKXGAAAGLVPGGPGFGPGVVGVPGAGVPG-VGVPGA 323 | 4 6 | 200 |
| qa | 339 PKGSPGEAGRPGEAGLPGAKGLIGSPGSPG-PDGKTGPPGPAGQDGRPGPPGPPGARGQA 397 | | |
| QY | 324 GIPVVPGAGIPG-AAVPGVVSPEAAAKAAKAAKGARPGVGVGGIPTYGVGAGGF 378 | 9 6 | |
| ପ୍ସପ | 398 GYMGPPGFKGAAĞEPGKAGERĞYPGPPGAVGPAGKDGEAĞAQGPPGPAĞ-PAGERĞEQĞ- 455 | 7 OOT | |

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5.5%; Score 587; DB 1; Length 1464;
13.8%; Pred. No. 0.00024;
ve 32; Mismatches 341; Indels 154; Gaps 47;
                   ---GVAPAIGPGGVAAAAKSAAKVAAKAQLRAAAGLGA-GIPGLGVG 530
                                                                                                                                                              GVRGLTGPIGPPGPAGAPGDKGESGPSG---PAGPTGARGAPGDRGE 624
                                                                                                                                                                                               GLGVGAGVPGF-GAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPR 589
                                                                                                                                                                                                                      GVGGLGVPGVGGLGGIPPA----AAAKAAKYGAAGLGGVLGGAGQ- 698
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agvpgvggvpgvpgvgispeaqaaara--akygvgtpaaaaa 436
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EL GENES, COMPOSITIONS, KITS, AND METHODS FOR
SWITFICATION, ASSESSMENT, PREVENTION, AND THERAPY
CERVICAL CANCER
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                                                                 GVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGV---
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2002-06-12
2R: US 60/298,159
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2R: US 60/298,155
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R: US 60/335,936
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PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKA--AKYGVGTPAAAAA 436
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----PGAPGPAGARGNDGATGAAGPPGPTGPAGPPGFPGAVGAKGEAGPQGPRGSEG 365
                                     VKPCKVPG-VGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGV-G 167
                                                                                                                                                        PSGPQGPGGPPG----PK--GNSGEP-----GAPGSKGDTGAKGEPGPVGVQGP 459
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                                                                     --PQGVRGEPGPPG--PAGAAGPAGNPGADGQPGAKGANG---APGIAGA-PGFPGARG
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                                                                                                                     PFGGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGV-GP
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: RESPONSE TO INTERPERON TREATMENT IN HEPATITIS C
TITLE OF INVENTION: VIRGS-INFECTED SUBJECTS, METHODS OF DETECTION AND ITTLE OF INVENTION: THEREOF
FILLE REPERRENCE: CLOUATO
CURRENT APPLICATION NUMBER: US/60/485,450
CURRENT PILING DATE: 2003-07-09
NUMBER OF SEQ ID NOS: 47859
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1523
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US-60-485-450-1523
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US-60-485-450-1523
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: METHODS OF DEFECTION AND USES THEREOF
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-GAPGSKGDIGAKGEPGPVGVQGP 459
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                                       227 QAAAAAAAAAAKFGAGAAGVLPGV----GGAGVPGVPGA--IPGIGGIAGV-GTPAAAA
                                                                PGPAGEEGKRGARGEPGPTG-LPGPPGERGGPGSRGFPGADGVAGPKGPAGERGSPGPAG
                                                                                                                       280 AAAAAAKAAKYG-----AAAGLV--PGGPGFGPGVVGVPGA----GVPG-VGVPG----A
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; Pred. No. 0.00024;
32; Mismatches 341; Indels 154;
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CURRENT APPLICATION NUMBER: US/60/487,610
CURRENT FILING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 97101
SOFTWARE: RASESEQ for Windows Version 4.0
SEQ ID NO 2409
PSGPQGPGGPPG----PK--GNSGEP
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33.8%;
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US-60-487-610-2409
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US-60-487-610-2409
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                                                                           55 AFPAVIFFGALVPGGV-----ADAAAAYKAAKAGAGLGGVPGVGGLGVSAGAVVPQPGAG 109
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                                                                                                                                                                                                                                                                                              QAAAAAAAAAKFGAGAAGVLPGV----GGAGVPGVPGA--IPGIGGIAGV-GTPAAAA 279
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                                                                                                                                                                                                110 VKPGKVPG-VGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAGIPGV-G 167
                                                      2 GVPGAIPGGVPGGVFYPG-AGL-GALG-GGALGPGGKPLKP----VPGGLAGAGLGAGLG 54
Best Local Similarity 33.8%; Pred. No. 0.00024;
Matches 269; Conservative 32; Mismatches 341; Indels 154; Gaps
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1 FPGFGVGVGGIPGVAGVPGV.......GVAPGVGVAPGVGVAPAIGP 200
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-08-02-237-5

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| US-08-212-237-3 | US-08-806-029-26 | PCT-US95-02772-3 | US-08-175-155-39 | US-08-707-237A-45 | US-08-477-509B-74 | US-08-482-085B-74 | US-09-444-791A-74 | US-08-806-029-32 | US-08-397-633A-75 | US-08-397-633A-76 | US-08-397-633A-54 | US-08-175-155-47 | US-08-477-509B-82 | US-08-707-237A-53 | US-08-482-085B-82 | US-09-444-791A-82 | US-08-806-029-14 |
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| 936 | 936 | 936 | 1413 | 1413 | 1464 | 1464 | 1465 | 1040 | 281 | 287 | 877 | 2257 | 2257 | 2257 | 2257 | 2257 | 953 |
| 37.9 | 37.9 | 37.9 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 36.9 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 | 36.6 |
| 382.5 | 382.5 | 82. | 375 | 375 | 375 | 375 | 375 | 373 | 370 | 370 | 370 | 370 | 370 | 370 | 370 | 370 | 369.5 |
| 28 | 50 | 30 | 31 | 32 | 33 | 34 | s S | 36 | 37 | 38 | 9 8 | 40 | 41 | 42 | 43 | 44 | 45 |

ALIGNMENTS

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61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPAIGPEA 120
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                                                                              APPLICANT: RETHERIN, ASER
APPLICANT: RETHERY, FRED
APPLICANT: RETHERY, FRED
APPLICANT: RETHERY, FRED
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REPERENCE: 041082/0110
CURRENT APPLICATION NUMBER: 08/911,364
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1999-06-29
PRIOR PILING DATE: 1997-00-07
PRIOR FILING DATE: 1996-08-07
NUMBER: OF SED ID NOS: 11
SOFTWARE: PACENTING VET. 2.1
SED ID NO 2
LENGTH: 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 1010; DB 4; Length 200; ilarity 100.0%; Pred. No. 3.9e-80; Conservative 0; Mismatches 0; Indels 0
                Sequence 2, Application US/09340736E Patent No. 6489446 GENERAL INFORMATION:
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Matches 200; Conservat
US-09-340-736E-2
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RESULT

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Sequence 27,

US-08-806-029-27 PCT-US95-02772-4 US-08-806-029-30

JS-08-212-237-7

Sequence Sequence

Sequence

Sequence Sequence Sequence

US-08-212-237-8 US-08-806-029-31 PCT-US95-02772-8

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Query Match
Best Local Similarity 77.55
Matches 158; Conservative
                                                                                                                      NAME: Bent, Stephen A. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 731
TYPE: PRT
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MOLECULE TYPE: peptide

US-08-911-364-2
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                        CLASSIFICATION:
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APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: SELF-ALIGNING PERTIDES
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0110
CURRENT PEPLICATION NUMBER: 108/91,364
PRIOR PELICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1990-06-29
PRIOR FILING DATE: 1990-06-07
PRIOR FILING DATE: 1990-06-07
SEQ ID NOS: 11
SEQ ID NO 11
LENGTH: 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAKA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASET
APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 199
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MEDIUM TYPE: Ploppy disk
MEDIUM TYPE: Ploppy disk
OCHPUTER: IBM PC compatible
OFERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Partenin Release #1.0, Version #1.30
APPLICATION NUMBER: 05/08/911,364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        99.4%; Score 1004; DB 4;
100.0%; Pred. No. 1.3e-79;
Live 0; Mismatches 0;
                    Sequence 11, Application US/09340736E Patent No. 6489446
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Patent No. 5969106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: FOLEY & LARDNER STREET: 3000 K Street, N.W CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 199; Conservative
                                                            GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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Best Local Similarity
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20007-5109
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; OTHER INFORMATION:
US-09-340-736E-11
US-09-340-736E-11
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120 AQAAAAAKKAAKYGVGTPAAAAAAAAAAAAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPG 179
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APPLICANT: RETHERY, FRED
APPLICANT: ROTHSTEIN, ASER
APPLICANT: ROTHSTEIN, ASER
APPLICANT: ROTHSTEIN, ENED
APPLICANT: ROTHSTEIN, ENED
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
PRIOR PILING DATE: 1999-08-07
PRIOR PLILING DATE: 1997-08-07
PRIOR PLILING DATE: 1997-08-07
PRIOR PLILING DATE: 1997-08-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 201;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       99.0%; Score 999.5; DB 2; 99.5%; Pred. No. 3.2e-79; tive 0; Mismatches 0;
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                                                                                                  PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 180 VGVAPGVGVAPGVGVAPAIGP 200
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                                                                                                                                                                                                                                                                            LENGTH: 201 amino acids TYPE: amino acid
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61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEA 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,700
FILING DATE: 7-JUN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                       Spring House Corporate Cntr, PO Box 457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               70.0%; Score 707.5; DB 3; 76.5%; Pred. No. 1.5e-53; Live 6; Mismatches 25;
                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: WEISS, ANTHONY S
APPLICANT: WARTIN, STEPHEN L
TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
                                                                            177 APGVGVAPGVGVAPGVGVAPAIGP 200
                                                                                                    PCT/AU93/00655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: AU PL6520 FILING DATE: 22-DEC-1992 PRIOR APPLICATION DATA. APPLICATION NUMBER: AU PL9661 FILING DATE: 28-JUN-1993 PRIOR APPLICATION NUMBER: PCIZAU93/00 APPLICATION NUMBER: PCIZAU93/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                            Sequence 2, Application US/08464700 Patent No. 6232458
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Floppy disk
IBM PC compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: GH
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 16-DEC-1993 ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
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STATE: Pennsylvania
                                      498 VAAAAKSAAK-
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Matches 156; Conserv
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US-08-464-700-2
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                                                                                                                                      61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEA 120
                                                                378 FPGFGVGVGGIPGVAGVPGVPGVPGVPGVFGVGISPEAQAAAAKAAKYGVGTPAAAAK 437
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                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROFEINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,364
FILING DATE: 07-AUG-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 707.5; DB 2;
Pred. No. 1.5e-53;
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REGIESTRATION NUMBER: 29,768
                                                                                                                                                                                                                        546 GVGAGV-PGFGAGADEGVRRSLSP 568
                                                                                                                                                                                            177 APGVGVAPGVGVAPGVGVAPAIGP 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 07-AUG-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08911364 Patent No. 5969106 GENERAL INFORMATION: APPLICANT: ROTHSTEIN, ASET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION TELEPHONE: (202) 672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: FOLEY & LARDNER STREET: 3000 K Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         70.0%;
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TELEFAX: (202) 672-5399
INFORMATION FOR SEQ ID NO: 1:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       731 amino acids
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COUNTRY: U.S.A.
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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Best Local Similarity
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1 FPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAKYGVGIPAAAAAK 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASER
APPLICANT: RELEY, FRED
TILE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REPERBNCE: 041083/010
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
PRIOR FILING DATE: 1997-08-07
PRIOR FILING DATE: 1997-08-07
NUMBER: OF SEQ ID NOS: 11
                                     APPLICANT: KEELEY, FRED
APPLICANT: KEELEY, FRED
APPLICANT: KOTHSTEIN, STEVEN
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SLF-ALIGNING PEPTIDES WODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0110
CURRENT APPLICATION NUMBER: 08/911,364
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1997-08-07
PRIOR FILING DATE: 1997-08-07
PRIOR FILING DATE: 1997-08-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PALENTIN VEEL: 2,1
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                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-340-736E-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: MFU-3 polypeptide
US-09-340-736E-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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Matches 118; Conservative
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GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
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                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Diagnosis of Williams Syndrome and TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           86 VGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQAAAAAAAAKYGVGTPAAAAKAAA 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FPGFGVGVGGIPGVAGVPGVGGVPGVGISPEAQAAAAKAAKY-------49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           50 ------GVGTPAAAAKAAAKAAQF-----GLVPGVGVAPGV85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             146 KAAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GLAPGVGVAPGVGVAPGVGVAPAIGP 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 792;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 701 East
STREET: Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 670; DB 2;
Pred. No. 2.8e-50;
6; Mismatches 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/678,039A
FILING DATE: 10-JUL-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2323-120A
  177 APGVGVAPGVGVAPGVGVAPAIGP 200
                                            548 GVGAGV-PGFGAGADEGVRRSLSP 570
                                                                                                                                                     Sequence 40, Application US/08678039A
Patent No. 5888662
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Morris, Colleen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 8
US-09-340-736E-10
; Sequence 10, Application US/09340736E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Saxe, Stephen A. REGISTRATION NUMBER: 38,609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION TELEPHONE: 202-624-1589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66.3%;
ilarity 65.3%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 792 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 202-783-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      202-783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Linear
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nes 156; Conserv
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Query Match Best Loc Matches

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2 PGFGV--GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAA--
                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/806,029
Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFI/MTK
                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-NAR-1994
ATTORNEY/ACENT INFORMATION:
NAME: Trecartin, Richard F.
                                                                                                                                                                                                               UMBER: US/08/806,029
24-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 14, Application US/09841334A Patent No. 6533819 GENERAL INFORMATION:
APPLICANT: Parker, Timothy APPLICANT: Parker, Timothy
                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFERMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 186 VGVAPGVGVAPAIG 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGIH: 1169 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ||| ||| ||| || || || || 491 VGVGPGVGVGPGAG 504
                                                           United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  139 AAAKAAAKAAQ---
                                                                                                   COMPUTER READABLE FORM:
                   San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44 -----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                            FILING DATE:
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US-09-841-334A-14
                CITY: Sal
STATE: C
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-806-029-33
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APPLICANT: Urry, Dan
APPLICANT: Urry, Dan
APPLICANT: Parker, Timothy
APPLICANT: Parker, Finothy
APPLICANT: Parker, Paul
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REPRENCE: BERL-020/05058
CURRENT APPLICATION NUMBER: US/09/841,334A
CURRENT FILING DATE: 1990-02-26
FRIOR FILING DATE: 1998-02-26
FRIOR APPLICATION NUMBER: US 60/087155
FRIOR PLICATION NUMBER: US 60/087155
FRIOR PLICATION NUMBER: US 60/087155
FRIOR FILING DATE: 1998-05-29
FRIOR FILING DATE: 1998-05-27
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 PGFGV-GVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAKAAK 48
                     62 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 118
                                          46; Indels 100;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    52.0%; Score 525; DB 4; Length 745; 44.8%; Pred. No. 7.7e-38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stedfonsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GVGVAPAIGPEAQAAAAAAAKYGVGTPAAAAAKAAAKAA-----
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                                                                                                                                                          Sequence 38, Application US/09841334A Patent No. 6533819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 33, Application US/08806029 Patent No. 6380154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LOCATION: (1)...(745); OTHER INFORMATION: Synthetic US-09-841-334A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 125; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: PEPTIDE
                                                                                                                                           US-09-841-334A-38
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US-08-806-029-33
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191 SGAGAGSGAGAGSGAGAGSGACAGSGAGAGSGAGAGSGAGAGSGAAVTGRGDSP 250
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ------FGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPG 185
                                                                                                                                                                                                                                                                                   44 AKAAKYGVGTPAAAAAKAAAKAAQ-------FGLVPGVGVAPGVGVAPGVGVAP
Query Match 45.9%; Score 464; DB 4; Length 1169; Best Local Similarity 32.4%; Pred. No. 2.2e-32; Matches 121; Conservative 11; Mismatches 66; Indels 176;
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43

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COMPUTER: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: Datem: PC-DOS/MS-DOS
CORRENT APPLICATION DATA:
APPLICATION WHERE: US/08/806,029
FILING DATE: 24 FFB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          240 -PGVGV-PGVGV-PGVGV-PGVGV-PGVG 268
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REFERENCE/DOCKET NUMBER: A-
TELECOMONULCATION INFORMATION:
TP:IRDEDONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) 781-1989
TELEFAX: (415) 388-3249
INFORMATION FOR SEQ ID NO: 28
SEQUENCE CHARACTERISTICS:
                    INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 988 amino acids TYPE: amino acid
                                                                    988 amino acids
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415-398-3249
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
                                                                                    TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                               TOPOLOGY: linear // MOLECULE TYPE: protein US-08-212-237-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: Four CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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                                                               LENGTH:
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  TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       54 PAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         114 PAIGPEAQAAAAAKAAKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPG 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -----VPGVGV-PGVGV-PGVGV-PG 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 PGFGVGVGGIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKAAKYGVGT 53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 148;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
TITLE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEB: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 PGVGVPGVCVPGV-GVPGVGVPGVGVPGVGVPGVGVP----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERALING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/212,237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             44.4%; Score 448; DB 4; 56.2%; Pred. No. 6.2e-32; ative 6; Mismatches 16
                  FILE REFERENCE: BERL-020/05US
CURRENT APPLICATION NOWBER: US/09/841,334A
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NOWBER: US 09/258,723
PRIOR FILING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: US 60/087155
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-29
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Kowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-58847/BIR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    98 PGVGVP-----GVGVPGVG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             174 VGLAPGVGVAPGVGVAPGVGV 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        130 VGV-PGVGV-PGVGV-PGVGV 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08212237
Patent No. 5606019
                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              ) NAME/KEY: PEPTIDE

) LOCATION: (1)...(148)

) CTHER INFORMATION: Synthetic

US-09-841-334A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 56.23
Matches 113; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
COMPUTER: IBM PC compa
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LENGTH: 148
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                                                                                                                                   3 GFGVGVGGIPGV----AGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAAAKAAKYG
                                                                   Indels 33;
Query Match 40.0%; Score 404.5; DB 1; Length 988; Best Local Similarity 55.8%; Pred. No. 2.4e-27; Matches 120; Conservative 11; Mismatches 51; Indels 33
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US-08-806-29-28

Sequence 28, Application US/08806029

Sequence 28, Application US/08806029

Fatent No. 6380154

GENERAL INFORMATION:

APPLICANT: Cappello, Joseph

APPLICANT: Stederonsky, Erwin R.

TITLE OF INVENTION: Delivery and Tissue Augmentation

TITLE OF INVENTION: Delivery and Tissue Augmentation

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flahr, Hohbach, Test, Albritton & Herbert

STREET: Four Embarcadero Center, Suite 3400
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Search completed: October 10, 2003, 18:43:11
Job time : 9.64469 secs
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                                                                                                                               Gaps
                                                                                                                            51; Indels 33;
                                                                                  Query Match
40.0%; Score 404.5; DB 4; Length 988;
Best Local Similarity 55.8%; Pred. No. 2.4e-27;
Matches 120; Conservative 11; Mismatches 51; Indels 33.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application PC/TUS9502772
GENERAL INFORMATION:
APPLICANT: Protein Polymer Technologies, Inc.
TITLE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF EXQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert STREET: Four Embarcadero Center, Suite 3400 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STRATE: CA
COUNTRY: U.S.A.
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02772
                                                                                                                                                                                                                                                                                                                                                                                                                                 165 APGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 199
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ATTORNEY/ACENT INFORMATION:
NAME: ROWLAND BETLARM I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-58
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-731-1989
TELEFRA: 415-731-1989
TELEFRA: 415-398-3249
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE GRARACTERISTICS:
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Matches 120; Conservative
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MOLECULE TYPE: protein
                    ; MOLECULE TYPE: protein US-08-806-029-28
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TOPOLOGY; unknown
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106 VAPGVGVAPAIGPEAQAAAAKAAKYGVGTPAAAAAKA-AAKAAQFGLVPGVGVAPGVGV 164
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                                                                                                                                                  240 -PGVGV-PGVGV-PGVGV-PGVGV-PGVG 268
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October 10, 2003, 18:41:34; Search time 15.0916 Seconds (without alignments) 2135.343 Million cell updates/sec
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1010
1 FPGFGVGVGGIPGVAGVPGV ......GVAPGVGVAPGYGVAPAIGP 200
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2: //ggn2_c/ptodata/2/pubpaa/PGT_NEW_PUB.pep:*
3: //ggn2_c/ptodata/2/pubpaa/NSO6_NEW_PUB.pep:*
3: //ggn2_c/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
5: //ggn2_c/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*
6: //ggn2_c/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*
7: //ggn2_c/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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10: //ggn2_c/ptodata/2/pubpaa/USO9_BUBCOMB.pep:*
11: //ggn2_c/ptodata/2/pubpaa/USO9_BUBCOMB.pep:*
12: //ggn2_c/ptodata/2/pubpaa/USO9_BUBCOMB.pep:*
13: //ggn2_c/ptodata/2/pubpaa/USO9_LUBCOMB.pep:*
14: //ggn2_c/ptodata/2/pubpaa/USO9_LUBCOMB.pep:*
14: //ggn2_c/ptodata/2/pubpaa/USO9_LUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            600653 seqs, 161128416 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published_Applications_AA:*
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Description | Sequence 2, Appli | Sequence 11, Appl | Sequence 1, Appli | Sequence 8, Appli | Sequence 10, Appl | Sequence 9, Appli | Sequence 38, Appl | Sequence 38, Appl | Sequence 14, Appl | Sequence 14, Appl | Sequence 74, Appl | Sequence 82, Appl | Sequence 81, Appl | Sequence 26, Appl | Sequence 25, Appl |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ID | US-09-964-662-2 | US-09-964-662-11 | US-09-964-662-1 | US-09-961-403-8 | US-09-964-662-10 | US-09-964-662-9 | US-09-837-969A-38 | US-09-841-321A-38 | US-09-837-969A-14 | US-09-841-321A-14 | US-10-096-986-74 | US-10-096-986-82 | US-10-096-986-81 | US-10-117-931-26 | US-10-117-931-25 |
| DB | 12 | 12 | 12 | Ξ | 12 | 12 | | | σ | | 15 | 15 | 15 | 15 | 15 |
| % Query Match Length DB | 200 | 199 | 731 | 730 | 118 | 117 | 745 | 745 | 148 | 148 | 1465 | 2257 | 2055 | 378 | 1002 |
| % Query Match | 100.0 | 99.4 | 71,0 | 0.69 | 59.7 | 59.1 | 52.0 | 52.0 | 44.4 | 44.4 | 37.1 | 36.6 | 36.3 | 36.0 | 36.0 |
| Score | 1010 | 1004 | 717.5 | 697 | 603 | 597 | 525 | 525 | 448 | 448 | 375 | 370 | 367 | 364 | 364 |
| Result No. | н | 7 | m | 4 | 2 | φ | 7 | 80 | 0 | 10 | II. | 12 | 13 | 14 | 15 |

| Sequence 3 Sequence 3 Sequence 4 Sequence 2 Sequence 3 Sequence 4 Sequence 4 Sequence 5 Sequence 5 Sequence 5 Sequence 6 Sequence 7 Sequence 7 Sequence 7 Sequence 8 | Sequence 55, Sequence 25, Sequence 25, Sequence 36, Sequence 36, Sequence 13, Sequence 11, Sequence 58, Seque |
|---|--|
| US-09-837-9584-37 US-09-837-959A-37 US-09-841-21A-37 US-09-841-221A-34 US-09-841-221A-34 US-09-841-321A-39 US-09-841-321A-39 US-09-841-321A-39 US-09-841-321A-40 US-09-841-321A-40 US-09-841-321A-40 US-09-837-959A-18 US-09-837-959A-18 US-09-837-959A-18 US-09-837-959A-35 US-09-841-321A-35 US-09-841-321A-35 US-09-841-321A-35 US-09-841-321A-35 US-09-841-321A-35 US-09-841-321A-35 US-09-841-321A-35 US-10-96-986-94 US-10-981-321A-35 US-10-981-321A-35 US-10-981-321A-35 US-10-981-332-6 | 9 US-09-837-9548-55 10 US-09-811-321A-55 12 US-09-837-9698-25 9 US-09-837-9698-36 10 US-09-817-321A-25 10 US-09-841-321A-36 9 US-09-841-321A-13 9 US-09-841-321A-13 9 US-09-841-321A-13 |
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| 11112222222222222222222222222222222222 | N N N N N N N N N N N N N N N N N N N |

ALIGNMENTS

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Sequence 2, Application US/09964662;
Sequence 2, Application US/09964662;
Publication No. US20001668461.
GENERAL INFORMATION:
APPLICAMT: PROTEIN SPECIALITES LTD.
TITLE OF INVENTION: SELF-ALIGNING PROTEINS
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT PLING DATE: 2003-05-08
PRIOR FILING DATE: 1999-06-29
SPRIOR FILING DATE: 1999-06-29
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
US-09-964-662-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-964-662-2
                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
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Query Match 71.0%;
Best Local Similarity 77.5%;
Matches 158; Conservative
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Matches 164; Conservative
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US-09-961-403-8
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                                                                                                                                                                                                                   APPLICANT: PROTEIN SPECIALTIES LTD.
APPLICANT: PROTEIN SPECIALITIES LTD.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REPERBROCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR APPLICATION NUMBER: 09/340,736
NUMBER OF SEO ID NOS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PROTEIN SPECIALITES LID.
APPLICANT: PROTEIN SPECIALITES LID.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELE-ALIGNING PRETIDES MODELED ON HURAN ELASTIN AND
FILLE REPERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR PLILING DATE: 1999-06-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 199;
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Pred. No. 4.5e-67;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               99.4%; Scc. No. *..
100.0%; Pred. No. *..
.. 0; Mismatches
                                                                          GVAPGVGVAPGVGVAPAIGP 200
                                                                                                                                                                       ; Sequence 11, Application US/09964662; Publication No. US20030166846A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-964-662-1
; Sequence 1, Application US/09964662
; Publication No. US20030166846a1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
LENGTH: 199
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                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
CRGANISM: Homo sapiens
US-09-964-662-11
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Best Local Similarity
                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                         US-09-964-662-11
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LENGIH: 731
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                     121
                                                      181
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                                                                                                                                       RESULT 2
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                                                                                                                                                                                                                                                                   121 QAAAAAKAAKYGVGTPAAAAAKAAAKAAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GL 176
                                                                                                                                                                                                                                                                                                                                                                                  524 GIGPGGVAAAAKSAAKVAAKAQIRAAAGIGAGIPGLGVGVGVGVPGLGVGAGVPGLGVGAGV 583
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                                                                                                                     1 FPGFGVGVGGIPGVAGVPGVGGVPGVGGVFGVGISPEAQAAAAKAAKYGVGTPAAAAAK 60
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                                                                                                                                                                           378 FPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAKYGVGTPAAAAK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     124 ------aaakaakygvgtp--------aaaakaaakaa
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                                                            Indels 17; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: HE-STUMPP, HOLGER
APPLICANT: HARNDLER, BERNARD
APPLICANT: KRAFTSCHARA, JOERN
APPLICANT: KREFT, BERTHOLT
APPLICANT: KREFT, BERTHOLT
APPLICANT: RESIDON, PELRE
APPLICANT: RESIDON, PELRE
APPLICANT: RESIDON, PELRE
APPLICANT: SCOTTI, SIMONE
FILE OF THYREMION METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
CURRENT APPLICATION NUMBER: US/09/961,403
CURRENT FILING DATE: 2001-09-25
NUMBER OF SEQ. ID NOS: 15
SOFTWARE: PATENTIN Ver. 2.1
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      DB 12; Length 731;
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Score 717.5; DB 12;
Pred. No. 1.9e-45;
6; Mismatches 23;
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Pred. No. 6e-44;
6; Mismatches 25;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 177 APGVGVAPGVGVAPGVGVAPAIGP 200
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52.7%;
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Sequence 38, Application US/09837969A Patent No. US20020038150Al GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION: (1)...(745)
; OTHER INFORMATION: Synthetic
US-09-837-969A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 52.0%
Best Local Similarity 44.8%
Matches 125; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: PEPTIDE
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                                                                                  GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALTIES LID.
TITLE OF INVENTION: SPECIALTIES LID.
TITLE OF INVENTION: SELF-ALIGHING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: SELF-ALIGHING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT PILING DATE: 1090-06-29
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 10
LENGTH: 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAKA 61
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Publication No. US20030166846A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITIES LID.
APPLICANT: HCR RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILLS REPERBNCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILLING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: US/09/340,736
PRIOR PILING DATE: 1999-06-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                            59.7%; Score 603; DB 12;
100.0%; Pred. No. 8.5e-38;
rative 0; Mismatches 0;
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100.0%; Pred. No. 2.3e-37;
ative 0; Mismatches 0;
                                   US-09-964-662-10; Sequence 10, Application US/09964662; Publication No. US20030166846A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.C
Matches 118; Conservative
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
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Best Local Similarity 100.
Matches 117; Conservative
                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: HOMO Sapiens US-09-964-662-10
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US-09-964-662-9
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| GEREKAL INCOMANTION: INCOMANTION: | GEREKAL INCOMANTION: | GEREKAL INCOMANTION: INJECTABLE Implants For Tissue Augmentation and Restoration | TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration | FILIE REPERENCE: BERL-020/0405 | CURRENT APPLICATION NUMBER: US/99/841,321A | CURRENT FILING DATE: 2001-04-30 | PRIOR FILING DATE: 1999-02-26 | PRIOR FILING DATE: 1999-02-26 | PRIOR FILING DATE: 1998-05-29 | PRIOR PRIOR APPLICATION NUMBER: US 60/076297 | PRIOR FILING DATE: 1998-02-27 | NUMBER OF SEQ ID NOS: 65 | SOFTWARE: Patentin version 3.0 | SEQ ID NO 14 | CURRENT PATENT P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            114 PAIGPEAQAAAAAKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPG 173
---VPGVGV-PGVGV-PG 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      50 PGV------GVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVA 97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 44.4%; Score 448; DB 10; Length 148; Best Local Similarity 56.2%; Pred. No. 2.7e-26; Matches 113; Conservative 6; Mismatches 16; Indels 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         98 PGVGVP-----GVGVPGVG--
--GVGVPGVG--
                                                                                                                                                                                                                                                                                      Sequence 14, Application US/09841321A patent No. US20020116069A1 GENERAL INFORMATION:
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Richardson, Charles
Chambers, James
                                                                174 VGLAPGVGVAPGVGVAPGVGV 194
                                                                                                     130 vGv-pGvGv-pGvGv 147
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US-10-096-986-74
; Sequence 74, Application US/10096986
; Publication No. US20030083464A1
; GENERAL INFORMATION:
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Cappello, Joseph
Crissman, John W.
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (1)...(148); OTHER INFORMATION: Synthetic US-09-841-321A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
98 PGVGVP---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                   QQ
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                                                                QΫ
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Fatent No. US20020038150A1
GENERAL INPORMATION:
APPLICANT: UTTY, Dan
FILE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE TREPERENCE: BERL-020/03US
CURRENT FILING DATE: US/09/837,969A
CURRENT FILING DATE: 1999-02-26
FRIOR FILING DATE: 1999-02-26
FRIOR FILING DATE: 1999-05-29
FRIOR FILING DATE: 1998-05-29
FRIOR PLICATION NUMBER: US 60/076297
FRIOR PLICATION NUMBER: US 60/076297
FRIOR PLICATION NOWER: 13.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13;
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                                                                                                                                                                                                                                                                                                                                                                54 PAAAAAKAAAKAAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVA 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                     109 GVGVAPAIGPEAQAAAAAKAAKYGVGTPAAAAAKAAAKAA--------148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ------QFGLVPGVGVAP 160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 PGFGVGVGGIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKAAKYGVGT 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ------GVGV 49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                          Indels 100;
                                                                                                                                                                                             Length 745;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 448; DB 9; Length 148; Pred. No. 2.7e-26; 6; Mismatches 16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            161 GVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVG 397
                                                                                                                                                                                                                                                              46;
                                                                                                                                                                                          Score 525; DB 10;
Pred. No. 2.8e-31;
8; Mismatches 46;
                                                                                                                                                                                                                                                                                                                           2 PGFGV-GVG----GIPGVAGVPGVG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 56.2%;
Matches 113; Conservative
                                                                                                                                                                                             52.0%;
44.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: (1)..(148)
CTHER INFORMATION: Synthetic US-09-837-969a-14
                              ; NAME/KEY: PEPTIDE

; LOCATION: (1)...(745)

: OTHER INFORMATION: Synthetic

US-09-841-321A-38
                                                                                                                                                                                                                            Best_Local Similarity 44.8
Matches 125; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                149 -----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 9
US-09-837-969A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ы
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                                                                                                                                                                                             Query Match
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TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Sar
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94 LAPGVGVAPGVGVAPGVGVAPAIGPEAQAAAAKA-------AKYGVGTPAAAA 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          47 ------AKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVG 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 GFGVGVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKA----
                                                                                                                                                                                                                                                                ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP
STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     36.6%; Score 370; DB 15; Length 2257; llarity 51.5%; Pred. No. 2e-19; Conservative 11; Mismatches 47; Indels 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/444,791
FILING DATE: 22-00 US20030834441-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-UUN-1995
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 07/114,518
FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUBER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COmpatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 82:
US-10-096-986-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801
                                         Richardson, Charles
Chambers, James
Causey, Stuart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGIH: 2257 amino acids
                                                                                                          Polločk, Thomas J.
Cappello, Joseph
Crissman, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
                         APPLICANT: Ferrari, Franco A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                         SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 94111
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Best Local Similarity
Matches 123; Conserv
  GENERAL INFORMATION:
                                                                                                                                                                                                                           NUMBER OF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 31,801
REPERBENCS/DOCKET NUMBER: A-55186-11/RFT/BTC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/444,791
FILING DATE: 22-No. US20030083464A1-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-UNN-1995
APPLICATION NUMBER: US 08/175,155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Match 37.1%; Score 375; DB 15; Local Similarity 48.6%; Pred. No. 5.7e-20; tes 120; Conservative 7; Mismatches 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/096,986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 06/927,258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 74:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     107 APGVGVAPAIGPEAQAAAAAKAAK-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Trecartin, Richard F.
                                                                                                                                                                                                                                                                     FILING DATE: 12-Mar-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 82, Application US/10096986
; Publication No. US20030083464A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGIH: 1465 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 415-398-3249 INFORMATION FOR SEQ ID NO: 74:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                         CIIY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                           STATE: California COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GVAPAIG 199
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                                                                                     ZIP: 94111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 12
US-10-096-986-82
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Matches
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| QY 141 AKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPAIG 199 Db 217 AGSGAGAGSGVGVPGVGV-PGVG | QY Db | AAAKAAKYGVGTPAAAAKAAAKAAQFGL |
|--|--|---|
| Sequence 81, Application US/10096986 Publication No. US20030083464A1 GENERAL INFORMATION: APPLICANT Ferrari, Franco A. Richardson, Charles | DP OY DP | 164 VPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGVPPGAGAGSGAGAGSGAGGG 217 116AQPEAQAAAAAKAKYGVGTPAAAAAKAAKAAQFGL-VPG 155 118 SGAGAGSGAGAGSGAAGYGAGAGSGAGAGGAG |
| Chambers, James Causey, Stuart Pollock, Thomas J. Cappello, Joseph | QY Db | 156 VGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPAIG 199 |
| TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Same NUMBER OF SEQUENCES: 117 CORRESPONDENCE ADDRESS: ADDRESSEE: Flehr Hobbach Test Albritton & Herbert LLP | RESULT US-10-; ; Seque ; Publ | RESULT 14 US-10-117-931-26 ; Sequence 26, Application US/10117931 ; Publication No. US20030104589Al |
| STREET: Four Embarcadero Center, Suite 3400 CITY: San Francisco STAFE: California COUNTRY: US 770: 04117 | , GB) | NERAL INFORMATION: APPLICANT: STEPACHONSKY, Erwin R. CAPPELLO, JOSEPh TITLE OF INVENTION: Tissue Adhesive Using Synthetic |
| COMPUTER READABLE FORM: WEDLUM TYPE: Floppy disk COMPUTER: IN PC compatible OMENTER: IN PC compatible OPERATING SYSTEM: PC-TOS MS-DOS | · · · · · · · | NUMBER OF SEQUENCES: 35 CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESSES: CORRESPONDENCE ADDRESSES: FLEREN, HOHBACH, TEST, ALBRITTON & HERBERT STREET FOUR Embarcaders Context Suite 200 |
| SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/10/096,986 FITTING DATE: 12-Mar-2002 | | |
| CLASSIFICATION: <pre>CLASSIFICATION: <pre>CLASSIFICATION: <pre>CLASSIFICATION</pre></pre></pre> | | FALLE FORM: M TYPE: Floppy disk TER: IBM PC compatible TING SYSTEM: PC-POS/MS-DOS |
| APPLICATION NUMBER: US 08/482,085 FILING DATE: 07-UVN-1995 APPLICATION NUMBER: US 08/175,155 FILING DATE: 29-DEC-1993 APPLICATION NUMBER: US 08/053,049 | | SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: |
| FILING DATE: 22-APR-1993 APPLICATION NUMBER: US 07/114,618 FILING DATE: 29-OCT-1997 APPLICATION NUMBER: US 06/927,258 | | PRIOR APPLICATION DATA: PRIOR APPLICATION NUMBER: US/08/642,246 FILING DATE: -CURROWN- ATTORNEY/AGENT INFORMATION: |
| FTLING DATE: 04 NOV-1986 NRNEY/AGENT INFORMATION: RMEE: Trecartin, Richard F. REGISTRATION NUMBER: 31,801 | 16 16 16 16 | NAME: KOWLAND, Bertram I REGISTRATION UNDER: 20015 REPERENCE/DOCKET NUMBER: A61127-1/BIR TELECOMMUNICATION INFORMATION: |
| REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC TELECOMUNICATION INFORMATION: TELEPHONE: 415-781-1989 TELEFAX: 415-398-3249 | , , , , | TELEPHONE: 415-781-1989 TELEPAX: 415-388-3249 INFORMATION FOR SEQ ID NO: 26: SEQUENCE CHARACTERISTICS: |
| INFORMATION FOR SEQ ID NO: 81: SEQUENCE CHARACTERISTICS: LENGTH: 2055 amino acids | | LENGTH: 378 amino acids TYPE: amino acid STRANDEDNESS: single |
| ITE: author octul STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: CDN SEQUENCE DESCRIPTION: 81: | ; ; us-10- | JOUNDON: INDEAT MOLEGULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 26: US-10-117-931-26 |
| DB 15; Length 2055; | Query Ma Best Loc Matches | tch 36.0%; Score 364; DB 15; Length 378; al Similarity 46.0%; Pred. No. 9.9e-20; 116; Conservative 10; Mismatches 44; Indels 82; Gaps |
| 128; Conservative 12; Mismatches 42; Indels 102; Gaps 23; 3 GFGVGVGGIPGVAGVPGVGGVPGVGLSPEAQAA 41 | AG GG | 3 GFCVGVGGIPGVAGVPGVGGVPGVGGVFGVGGVFBAQAAAAKAAKYGVGTP 54 |
| 46 GAGSGVGVPGVVPGV-GVPGVGVPGVGVPGVGVPGVGV-PGAGAGSGAGAGSGA 103 | Qy | 55 AAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGU 100 |

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------APGVGVAPGVGVAPAIGPEAQAAAAKAAKY---GVGTPAAAAKAAAKA 147
                                                                                                                   143 SGAGAGSGVGVPGVGV-PGVGV-PGVGVPGKGVPGVGVPGVGVGVGVGVGVGVGAGGGGAG
                                                                                                148 AQFGLVPGVGVAPGVGVAPGVGV----APGVGLAPGVGVAPGVGV-
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ne : 16.0916 secs
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256 GVPGVGV-PGVG 256
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------APGVGVAPGVGVAPAIGPEAQAAAAKAAKY---GVGTPAAAAAAAAA 147
                                                                                      AQFGLVPGVGVAPGVGVAPGVGV----APGVGLAPGVGVAPGVGV----------------188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT STREET: FOUR Embarcadero Center, Suite 200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 36.0%; Score 364; DB 15; Length 1002; Best Local Similarity 46.0%; Pred. No. 2.6e-19; Matches 116; Conservative 10; Mismatches 44; Indels 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/117,931
FILING DATE: 05-Apr-2002
CLASSIFICATION: <u >CURNOWN></u>
                                                                                                                                                                                                                                                                                                                                                      Sequence 25, Application US/10117931
; Publication No. US20030104589A1
; Fublication No. STEDRONSKY, Erwin R.
APPLICANT: STEDRONSKY, Erwin R.
CAPPELLO, JOSEPh
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A61127-1/BIR
TELECOMENICATION INFORMATION:
TELEPHONE: 415-781-1989
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA: APPLICATION NUMBER: US/08/642,246
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MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-117-931-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Crosslinking: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, Bertram I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 1002 amino acids
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STRANDEDNESS: single
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ZIP: 94111
COMPUTER READABLE FORM:
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Listing first 45.summaries
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Gapop 10.0 , Gapext 0.5
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Sequence 2, Appli

200 25 US-09-964-662-2

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Query Match Length DB

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Description

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Sequence 10290, A Sequence 10290, A Sequence 10290, A Sequence 10290, A Sequence 10289, A Sequence 10289, A Sequence 10289, A Sequence 3, Appli Sequence 5, Appli Sequence 6, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 12, Appli Sequence 13, Appli Sequence 13, Appli Sequence 14, Appli Sequence 15, Appli Sequence 14, Appli Sequence 15, Appli Sequence 2524, Appli 2524, A
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Sequence 74, Appl
Sequence 74, Appl
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APPLICANT: PROTEIN SPECIALITES LID.
APPLICANT: HSC RESBARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PREPIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROGS PROTEINS
FILE REPERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT PILING DATE: 1903-05-08
PRIOR FILING DATE: 1999-06-29
NUMBER OF SED ID NOS: 11
SOFTWARE: PATENTIN Ver. 2.1
SSED ID NO 2
LENGTH: 200
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-09-964-662-2
5 US-09-964-662-11
5 US-09-964-662-11
C US-60-453-050-10290
C US-60-453-050-10290
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; Sequence 2, Application US/09964662
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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APPLICANT: PROTEIN SPECIALITES LTD.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELE-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
FILLE OF INVENTION: OTHER PIBROUS PROTEINS
FILLE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILLING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR FILLING DATE: 1999-06-29
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TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: O'THER FIBROUS PROTEINS
FILE REPERENCE: 041082/0118
CURRENT APPLICATION NUMBER: US/09/964,662
                                                                  1 FPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAXAAKYGVGTPAAAAAK
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100.0%; Score 1010; DB 25; Length 200;
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                                   Indels
                                    0
                   Pred. No. 1.8e-73;
                                   0; Mismatches
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US-09-964-662-11
Sequence 11, Application US/09964662
GENERAL INFORMATION:
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APPLICANT: PROTEIN SPECIALTIES LTD.
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SOFTWARE: Patentin Ver. 2.1
                                    200; Conservative
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                 Best Local Similarity
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LENGTH: 199
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Best Local S:
Matches 199;
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DETECTION AND USES THEREOF
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Pred. No. 3.5e-49;
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Pred. No. 2.8e-49;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
APPLICANT: LUKE, MAY
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASS:
FILLE REPERENCE: CL001457
CURRENT APPLICATION NUMBER: US/60/453,050
CURRENT FILLING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FRASEQ for Windows Version 4.0
SEQ ID NO 10290
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CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION UNMER: 09/340,736
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 1
LENGTH: 731
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Best Local Similarity 77.5%;
Matches 158; Conservative
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 165; Conserv
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE
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OTHER INFORMATION: Maa equals any of the naturally occurring L-amino acids
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                     Length 702;
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GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: P6018
CURRENT APPLICATION NUMBER: US/09/760,494
CURRENT PILING DATE: 2001-01-16
Prior application data removed - consult PALM or file wrapper; NUMBER OF SEQ ID NOS: 258
SOFTWARE: Patentin Ver. 2.0
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Pred. No. 5.7e-49;
6; Mismatches 19;
                     Score 716; DB 32;
Pred. No. 3.5e-49;
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54.1%;
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                                        Best Local Similarity 54.1
Matches 165; Conservative
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ORGANISM: Homo sapiens
FEATURE:
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OTHER INFORMATION:
NAME/KEY: SITE
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LENGIH: 772
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GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CARGUILL, MICHELE
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: WYCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01456
CURRENT APPLICATION NUMBER: US/60/453,135
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: IAKOUBOVA, Olga
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1466
CURRENT APPLICATION NUMBER: US/60/466,412
CURRENT FILING DATE: 2003-04-30
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622 AAGLG-GLGVGGLGVPGVGGLGGIPPAAAAKAAKYGAAGLGGVLGGAGQFPLGGVAARPG 680
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Pred. No. 3.5e-49;
6; Mismatches 24;
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SOFTWARE: PASKSEQ for Windows Version 4.0
SEQ ID NO 10290
LENGTH: 702
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54.1%;
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Best Local Similarity 54.1
Matches 165; Conservative
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CORGANISM: Homo sapiens
US-60-466-412-10290
                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
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                                      192 VGVAP 196
                                                                           681 FGLSP 685
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US-60-453-135-10290
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US-60-466-412-10290
                                                                                                                                    RESULT 5
US-60-453-135-10290
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LENGTH: 702
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| V 121 VAA. | Db 470 FPGFGVGGIPGVAGVPXVGGVPGVGGVPGVGISPEAQAAAARAAKTGVGTPAAAARK 529 |
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| Db 590 VAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGFXAV 649 | QY 61 AAAKAAQFGLVPGVGVAPGVGVAPGVGLAPGVGLAPGVGVAPGVGVAPAIGPEA 120 |
| Qy 124AAAKAAKKGVGTPAAAAKAAAKAAQFGLVP 154 | DD 530 AAAKAAQFGLVPGVQVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGGGFGG 589 |
| Db 650 PGALAAAKAAKYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAAAAAAAAA 709 | Qy 121 QAA 123 |
| OY 155 GYGVARPGYGVARGYGRARGYGVAPGYGVARPGYGVAP 196 | DD 590 VAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGFXAV 649 |
| | OY 124AAAKAAXXGVGTP |
| RESULT 8 US-10-23-026-217 ; Sequence 217, Application US/10223026 ; GENERAL INFORMATION: | OY 155 GYGVAPGVGYAPGVGYAPGVGYAPGYGVAPGYGVAP 196 |
| APPLICANT: Rosen et al. 7 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies | |
| FILE NEFACTOR NUMBER: US/10/223,026 CURRENT FILICATION NUMBER: 08/10/233,026 DELOR NUMBER TILICATION NUMBER: 0.00/760,004 | #ESULT #ES |
| FIGURATION AND AND AND AND AND AND AND AND AND AN | Ş |
| | ; IIILE OF INVENTION: GENETIC FOLIMORFHLENS ASSOCIATED WITH ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF ; FILE REFERENCE: CLOOI457 |
| ; PRIOR APPLICATION NUMBER: 60/214,886 ; PRIOR FILING DATE: 2000-06-28 . DELOS ADDITION NUMBER: 60/218 | CURRENT APPLICATION NUMBER: US/60/453,050 CURRENT FILING DATE: 2003-03-10 |
| FALCH AFFARCATION NUMBER: 00/21/,40/ PRIOR PILIUD DATE: 2000-07-11 PRIOR APPLICATION NUMBER: 60/225,758 |) NUMBER OF SEQ ID NOS: 82/62) SOFTWARE: FastSEQ for Windows Version 4.0 SEC TO NO 1026 |
| FILING DATE APPLICATION | LENGTH 757 |
| PRIOR FILING DATE: 2000-07-26 PRIOR APPLICATION UNDER: 50/217,496 | ; ORGANISM: Homo sapiens US-60-453-050-10289 |
| APPLICATION FILING DATE | Query Match 70.6%; Score 713.5; DB 32; Length 757; |
| APPLICATION N FILING DATE: | 7; Conservative 6 |
| : Remaining Prior Application data removed - See File Wrapper or PALM, NUMBER OF SEQ ID NOS: 258 : SOFTWARE: PatentIn Ver. 2.0 | OY 1 PPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA |
| 217 | 404 FEGIGAGOGIEGOVAGOVEGOVEGOVGGOVEGOVEGOVEGOVETSEERGEHINNAGARIGOTEFHAMAAN. 61 AAAKAAOFGIVPGOGVAPGVGVAPGOVGIAPGVGIAPGVGVAPGOVGVAPGIGPEA |
| ; TYPE: PRT ; ORGANISM: Homo sapiens | |
| reducks: misc_feature | QY 121 QAAAAAKAAKYGVGFPAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGV-GL 176 |
| | Db 524 VAAAAKSAAKVAAKAQLRAAA-GLGAGIPGLGVGVGV-PGLGVGAGVPGL 571 |
| NAME/KEY: misc_feature; LOCATION: (192); OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids | OY 177 APGVGVAPGVGVAPAIGP 200 Db 572 GVGAGV-PGFGAGADEGVRRSLSP 594 |
| | RESULT 10 |
| equais any | US-60-433-135-10289 ; Sequence 10289, Application US/60453135 |
| NAME OF THE STATE OF THE NAME OF THE DESCRIPTION AND ACTUAL OF THE OFFICE OFFIC | ISMS ASSOCIATED WITH |
| Query Match 70.7%; Score 714; DB 28; Length 772; Best Local Similarity 56.5%; Pred. No. 5.7e-49; Matches 165; Conservative 6; Mismatches 19; Indels 102; Gaps 7; | ; TITLE OF INVENTION: WYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF; CURRENT APPLICATION NUMBER: US/60/453,135; CURRENT FILING DATE: 2003-03-10 |
| QY 1 FPGFGVGVGGIPGVAGVPGVGGVPGVGGGVPGVGISPEAQAAAAAKAAKTGVGTPAAAAK 60 | ; NUMBER OF SEQ ID NOS: 82762 ; SEQ ID NO 10289 ; SEQ ID NO 10289 |

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APPLICANT: Lepley, Denise et al. TILLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND MI
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PRIOR APPLICATION NUMBER: 60/311,292
PRIOR APPLICATION NUMBER: 60/311,979
PRIOR APPLICATION NUMBER: 60/311,979
PRIOR PILING DATE: 2001-08-13
PRIOR PILING DATE: 2001-08-13
PRIOR PILING DATE: 2001-08-17
PRIOR PILING DATE: 2001-08-16
PRIOR PILING DATE: 2001-08-17
PRIOR PILING DATE: 2001-08-16
PRIOR PILING DA
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Pred. No. 7.5e-49;
7; Mismatches 19; Indels 10:
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CURRENT APPLICATION NUMBER: US/10/210,172
CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR PETING DATE: 2001-08-02
PRIOR FILING DATE: 2001-09-21
PRIOR FILING DATE: 2001-09-21
PRIOR PLILOATION NUMBER: 60/313,814
PRIOR FILING DATE: 2002-04-19
PRIOR PLILOATION NUMBER: 60/310,291
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-08
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Li, Weizhen
Ji, Weizhen
: Padigaru, Muralidhara
!: Casman, Stacie
''^s, Edward
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56.2%;
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Alsobrook II, John
                             Rieger, Daniel
Shimkets, Richard
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Ellerman, Karen
Malyankar, Uriel
MacDougall, John
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Rastelli, Luca
Spytek, Kimberly
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Gerlach, Valerie
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                                                                                         crhusen, Bryan
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Vernet, Corine
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Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
APPLICANT: ACOUBOVA, Olga
TITLE OF INVENTION: GENETIC POLIMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/60/466,412
CURRENT FILING DATE: 2003-04-30
UNDABER OF SEQ ID NOS: 422241
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10289
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                                                                                                                                              Score 713.5; DB 3
Pred. No. 6.1e-49;
6; Mismatches 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      / Match 70.6%; Soore 713.5; DB 3 Local Similarity 77.0%; Pred. No. 6.1e-49; Hes 157; Conservative 6; Mismatches 24
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US-10-210-172-38
Sequence 38, Application US/10210172
GENERAL INFORMATION:
                                                                                                                                              70.6%;
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APPLICANT: Miller, Charles
APPLICANT: Patturajan, Meera
                                                                                                                                                    Query Match
Best Local Similarity 77.03
Matches 157; Conservative
                                                              ORGANISM: Homo sapiens
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US-60-466-412-10289
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US-60-466-412-10289
                                                                       ; ORGANISM: HOMO = US-60-453-135-10289
LENGIH: 757
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                                                           ----GLAPGVGVAP--GVGVAPG 191
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 698;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 710; DB 21;
Fred. No. 1.1e-48;
6; Mismatches 25;
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; Sequence 5. Application US/09463091
; GENERAL INFORMATION:
APPLICANT: WEISS, ANTHONY S
| UNIVERSITY, SYDNEY
| TITLE OF INVENTION: TROPOBLASTIN DERIVATIVES
| NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                       Sequence 5. Application US/09743818
GENERAL INFORMATION:
APPLICANT THE UILVESTY OF Sydney
TITLE OF INVENTION: Protease Susceptibility
FILE REFERENCE: Weiss Protease
CURRENT APPLICATION WUMBER: US/09/743,818
CURRENT FILING DATE: 201-01-15
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin Ver. 2.0
SERO ID NO 5
LENGTH: 698
                                                           155 GVGVAPGVGV----APGVGVAPGV----
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ADDRESSEE: GRIFFITH HACK
STREET: 168 WALKER STREET
CITY: NORTH SYDNEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ----AAAKAAKYGVGTP-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 70.3%;
Best Local Similarity 53.8%;
Matches 164; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens
US-09-743-818-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          192 VGVAP 196
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                                                                                                                                                                                                                                          RESULT 14
US-09-743-818-5
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                529 VAAAAKSAAKVAAKAQIBAAGIGAGIPGIGVGVGVPGIGVGAGVPGIGVGAGVPGFGAV 588
                                                           ---AAAAAKAAAKAAQFGLVP 154
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                                                                                                                                         ----GVGVAPGVGVAP 196
                                                                                                                                                              Length 698;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OSCTWARB: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/463,091
FILING DATE: 31-Mar-2000
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                  APPLICANT: WEISS, ANTHONY S
TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
CORRESPONDENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 710; DB 18;
Pred. No. 1.1e-48;
6; Mismatches 25;
                                                                                                                                    155 GVGVAPGVGVAPGVGVAPGVGLAPGVGVAP----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: GUMLEY, THOMAS P
REFERENCE/DOCKET NUMBER: 048282K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: AU PO8117
FILING DATE: 18-JUL-1997
                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: GRIFFITH HACK
STREET: 168 WALKER STREET
CITY: NORTH SYDNEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 61 2 9957 5944
TELEFAX: 61 2 9957 6288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 698 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NEW SOUTH WALES
                                                        124 ----AAAKAAKYGVGTP----
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INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   70.3%;
ilarity 53.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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Best Local Similarity
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Matches 164;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 70.2%; Score 709.5; DB 18; Length 660; Best Local Similarity 54.6%; Pred. No. 1.1e-48; Matches 166; Conservative 6; Mismatches 23; Indels 109; Gaps
          COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/463,091
FILING DATE: 31-Mar-2000
CLASSIFICATION NUMBER: US/09/463,091
FILING DATE: 10-JUL-1997
ATTORNEY/AGENT INFORMATION:
NAME: GUMLEY, THOMAS P
REFERENCE/DOCKET NUMBER: 04828ZK
TELECOMMUNICATION INFORMATION:
TELEPAX: 61 2 9957 6288
TELEFAX: 61 2 9957 6288
TELEX: 2647
INFORMATION FOR SEQUID NO: 5:
SEQUIENCE CRARACTERISTICS:
                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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GLSP 643
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Search completed: October 10, 2003, 18:59:55 Job time : 147.227 secs

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1797, Ap
Sequence 1796, Ap
Sequence 38, Appl
Sequence 40, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 15, Appl
Sequence 1, Appli
                                                                                                                        October 10, 2003, 18:41:13 ; Search time 4.83517 Seconds (without alignments) 1227.665 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                1 FPGFGVGVGGIPGVAGVPGV.......GVAPGVGVAPGVGVAPAIGP 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1: /cgn2_6/ptodata/2/paa/PCT_NEW_COMB.pep:*
2: /cgn2_6/ptodata/2/paa/US06_NEW_COMB.pep:*
3: /cgn2_6/ptodata/2/paa/US07_NEW_COMB.pep:*
4: /cgn2_6/ptodata/2/paa/US08_NEW_COMB.pep:*
5: /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep:*
6: /cgn2_6/ptodata/2/paa/US10_NEW_COMB.pep:*
7: /cgn2_6/ptodata/2/paa/US10_NEW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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PCT-US03-26780-3569

PCT-US03-26780-3570

PCT-US03-26780-3573

PCT-US03-26780-3571

PCT-US03-26780-3571

PCT-US03-26780-3444

PCT-US03-26780-3441

PCT-US03-26780-3444

PCT-US03-26780-3444

PCT-US03-26780-3135

PCT-US03-26780-3162

PCT-US03-26780-3162
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US-60-487-610-1796
PCT-USO2-24483-38
PCT-USO2-24483-40
US-09-807-742A-15
                                                                                                                                                                                                                                                                                                                                                                                                                      hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                          143239 segs, 29679805 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Listing first 45 summaries
                                                                                       protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum Match 100%
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Maximum DB seq length: 200000000
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Match Length DB
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195
194.5
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                                                                                                                                                                                                                                           Perfect score:
                                                                                          protein
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        27
        190.5
        18.9
        762
        1 PCT-USO3-26780-3010
        Sequence 3010, Ap

        28
        190.5
        18.9
        885
        1 PCT-USO3-26780-3010
        Sequence 3009, Ap

        30
        186
        18.4
        1 PCT-USO3-26780-3017
        Sequence 40, Appl

        31
        182
        18.4
        1 PCT-USO3-18638-40
        Sequence 3107, Ap

        32
        17.7
        651
        1 PCT-USO3-26780-3117
        Sequence 2493, Ap

        34
        17.7
        651
        1 PCT-USO3-26780-3020
        Sequence 3120, Ap

        34
        17.6
        5820
        1 PCT-USO3-26780-3116
        Sequence 3263, Ap

        35
        17.6
        17.5
        17.5
        18.4
        7 US-60-487-610-2411
        Sequence 59811, Ap

        37
        17.4
        17.3
        1164
        7 US-60-487-610-2411
        Sequence 2401, Ap

        38
        174.5
        17.3
        1284
        7 US-60-487-610-2407
        Sequence 2401, Ap

        41
        174.5
        17.3
        1444
        7 US-60-488-450-1523
        Sequence 2401, Ap

        41
        174.5
        17.3
        1444
        7 US-60-488-450-1523
        Sequence 2409, Ap
```

ALIGNMEN

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APPLICANT: HOANG, HORGIN.

APPLICANT: HOANG, RONGIN.

TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: LIVER FIBROSIS IN HEPAITITS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
FILE REPREBNOE: CLOO1169
CURRENT APPLICATION NUMBER: US/60/487,610
CURRENT PILLING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 97101
SEQ ID NO 1797
LENGIH: 702
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             502 VAAAAKSAAKVAAKAQIRAAAGIGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGFGAV 561
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                                                                                                                                                                                                                                                                                                                                                                                                        Length 702;
                                                                                                                                                                                                                                                                                                                                                                                                        70.9%; Score 716; DB 7; 54.1%; Pred. No. 1.2e-14; ative 6; Mismatches 24.
                    Sequence 1797, Application US/60487610 GENERAL INFORMATION: APPLICANT: CARGILL, Michele
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US-60-487-610-1797
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US-60-487-610-1797
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Best Local Si
Matches 165;
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FGLSP 685

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PRICARIT: CULTAGEN COTP. et al.

TITLE OF INVERTION: THERAPBUIIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METITLE OF INVERTION: THERAPBUIIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METITLE OF INVERTION: THERAPBUIIC POLYBER POLYCEOLOGY
CURRENT APPLICATION NUMBER: PCT/US02/24483
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/303,994
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/313,814
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/310,931
PRIOR FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 60/311,939
PRIOR FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 60/311,979
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 60/312,892
PRIOR FILING DATE: 2001-08-17
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/312,892
PRIOR FILING DATE: 2001-08-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             529 VAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVGGLGVGAGVPGLGVGAGVPGFGAV 588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  70.5%; Score 712; DB 1; Length 711; 56.2%; Pred. No. 1.5e-14; tive 7; Mismatches 19; Indels 102;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.0%; Score 697; DB 1; Length 692; 52.7%; Pred. No. 4e-14; Live 6; Mismatches 25; Indels 116;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 40, Application PC/TUS0224483; GENERAL INFORMATION:
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Matches 164; Conservative
; SEQ ID NO 38
; LENGTH: 711
; TYPE: PRT
CRGANISM: Homo sapiens
PCT-US02-24483-38
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                                                                                                                                                                                                                                                                         Similarity
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD TITLE PEPERENCE: 21402-4168-061
CURRENT APPLICATION NUMBER: PCT/US02/24483
CURRENT FILING DATE: 2002-08-02
                                                                                                                                                                               APPLICANT: HUANG, Hongjin
TITLE OF INVENTION: GENERAL POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: GENERAL PERCOSIS IN HERALITIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION WHERE: US/60/487,610
CURRENT APPLICATION WHERE: 2003-07-17
WHERE OF SEQ ID NOS: 97101
SOFTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 1796
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PRIOR FILING DATE: 2001-08-02
PRIOR PLING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 60/323,994
PRIOR PLILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: 60/373,814
PRIOR PLILING DATE: 2002-04-19
PRIOR PLILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 60/310,991
PRIOR APPLICATION NUMBER: 60/310,951
PRIOR PLILING DATE: 2001-08-03
PRIOR PLILING DATE: 2001-08-09
PRIOR PLILING DATE: 2001-08-09
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PRIOR FILING DATE: 2001-08-09
PRIOR PLILING DATE: 2001-08-13
PRIOR PLILING DATE: 2001-08-17
PRIOR PLILING DATE: 2001-08-16
PRIOR PLILING DATE: 2001-08-17
PRIOR PLILING DATE: 2001-08-17
PRIOR PLILING DATE: 2001-08-17
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                                                                          Sequence 1796, Application US/60487610 GENERAL INFORMATION:
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                                                                                                                                                    APPLICANT: CARGILL, Michele
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Matches 157; Conservative
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US-60-487-610-1796
                                      US-60-487-610-1796
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PCT-US02-24483-38
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                                                                                                                                                                                                                                                                                 -----GLAPGVGVAP--G 185
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                                     366 FPGFGVGVGGIPGVAGVPSVGGVPGVGGVPGVGISPEAQAAAAAAAKYGVGTPAAAAK 425
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APPLICANT: DANIELL, HENRY
ITILE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC; TITLE OF INVENTION: PLASTICS
1 FPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAKYGVGTPAAAAAK
                                                                        61. AAAKAAQF-----GLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAP
                                                                                                                                                                         486 GIGPGGVAAAAKSAAKVAAKAQILRAAAGIGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSCENIC TITLE OF INVENTION: PLASTIDS FILE REFERENCE: 1465-PCT-US-00 CURRENT APPLICATION NUMBER: US/09/807,742A CURRENT FILING DATE: 2011-04-18 PRIOR APPLICATION NUMBER: PCT/US01/06288 PRIOR APPLICATION NUMBER: PCT/US01/06288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ---VPGVGIVPGVGIVPGVGIVPGVGIVPGVGIVPGVGIVPGVGIVPGV-----
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43.5%; Pred. No. 4.8e-07;
ative 16; Mismatches 19;
                                                                                                                                                                                                                                                                              149 QFGLVPGVGVAPGVGV----APGVGVAPGV-----
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                                                                                                                                        115 AIGPEAQAA------
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 119
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US-09-807-742A-15
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665 VAARPGFGLSP 675
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Best Local Similarity
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ORGANISM:
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TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE
FILE REPERENCE: 08440.0014.00304
CURRENT APPLICATION NUMBER: PCT/US03/26780
CURRENT APPLICATION NUMBER: 60/406,616
PRIOR PILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           49 YGVGTPAAAAAAAAAAAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAP 108
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NUMBER OF SEQ ID NOS: 3700
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                Description of Artificial Sequence: Synthetic
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Pred. No. 0.00024;
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FILE REFERENCE: 1465-PCT-US-00
CURRENT APPLICATION NUMBER: US/09/807,742A
CURRENT FILING DATE: 2001-04-18
FRICH APPLICATION NUMBER: PCT/US01/06288
FRICH APPLICATION NUMBER: PCT/US01/06288
NUMBER OF FILE 2001-02-28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1.
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,646
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,666
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: 60/406,588
PRIOR FILING DATE: 2002-08-29
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52.6%;
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Best Local Similarity 52.63
Matches 111; Conservative
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OTHER INFORMATION:
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181 GVAPGVGVAPGVGVAPAIG 199
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Best Local Similarity 38.2
Matches 76; Conservative
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ORGANISM:
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CURRENT APPLICATION NUMBER: PCT/USO3/26780
PRIOR APPLICATION NUMBER: 60/406,616
PRIOR FILING DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
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PRIOR FLING DATE: 2002-08-29
PRIOR FLING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,546
PRIOR APPLICATION NUMBER: 60/406,646
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2003-08-29
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Pred. No. 0.014;
1; Mismatches 117; Indels 5
                                                                                                                                                           Length 252;
                                                                                                                                                     Score 275.5; DB 1; Length
Pred. No. 0.013;
1; Mismatches 117; Indels
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Best Local Similarity 38.2%;
Matches 76; Conservative
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Best Local Similarity 38.2%;
                                                                                                                                                                                                            76; Conservative
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ORGANISM: Homo sapiens
                                                                               Homo sapiens
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PCT-US03-26780-3570
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SEQ ID NO 3569
                                                      TYPE: PRT
ORGANISM:
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TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE
TITLE OF INVENTION: THEIR USE
CURRENT APPLICATION NUMBER: PCT/US03/26780
CURRENT APPLICATION NUMBER: PCT/US03/26780
PRIOR APPLICATION NUMBER: 60/406,616
PRIOR APPLICATION NUMBER: 60/406,579
PRIOR PLING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: 60,406,663
PRIOR PLILING DATE: 2002-08-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 3700
SOTUMARE: Patentin version 3.2
SEQ ID NO 3571
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Pred. No. 0.025;
1; Mismatches 117;
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APPLICANT: FIVEPRIME THERAPEUTICS, INC.
                                                                                            PRIOR FILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,588
PRIOR APPLICATION NUMBER: 60/406,588
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,646
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PRIOR APPLICATION NUMBER: 60/406,646
PRIOR FILING DATE: 2002-08-29
60/406,579
                                 FILING DATE: 2002-08-29
APPLICATION NUMBER: 60/406,655
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38.2%;
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Best Local Similarity 38.2
Matches 76; Conservative
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PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,640

PRIOR PLING DATE: 2002-08-29

PRIOR PLING DATE: 20
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GENERAL INFORMATION:
APPLICANT: FITEPRINE THERAPEUTICS, INC.
APPLICANT: FITEPRINE THERAPEUTICS, INC.
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE
FILE REFERENCE: 08940.0014-00304
CURRENT PILING DATE: 2003-08-28
PRIOR APPLICATION NUMBER: 60/466,616
PRIOR FILING DATE: 2002-08-28
PRIOR FILING DATE: 2002-08-29
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Pred. No. 0.016;
1; Mismatches 117; Indels
                                                                                               Sequence 3573, Application PC/TUS0326780 GENERAL INFORMATION:
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Best Local Similarity 38.2%;
Matches 76; Conservative 1
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PCT-US03-26780-3573
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PCT-US03-26780-3571
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PCT-US03-26780-3136
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TILLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

TILLE OF INVENTION: THEIR USE

FILLE REFERENCE: 08940.0134-00344

CURRENT APPLICATION NUMBER: PCT/US03/26780

CURRENT FILING DATE: 2002-08-29

PRIOR PELLOATION NUMBER: 60/406,616

PRIOR PELLOATION NUMBER: 60/406,655

PRIOR APPLICATION NUMBER: 60/406,655

PRIOR PELLOATION NUMBER: 60/406,640

PRIOR PELLOATION NUMBER: 60/406,646

PRIOR PELLOATION NUMBER: 60/406,666

PRIOR PELLOATION NUMBER: 60/406,665

PRIOR PELLOATION NUMBER: 60/406,665
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    110 VGVAPAIGPEAQAAAAAKAAKYGVGTPAAAAKAAAKAAAÇFGLVPGVGVAPGVGVAPGVG 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5 GVGVGGIPGVAGVPG----VGGVPGVGGVPGVGISPEAQAAAAAAA--KYGVGIPAAAA 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                       PRIOR APPLICATION NUMBER: 60/406,666
PRIOR FILING DATE: 2002-08-29
FRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 3700
SEQ ID NO 3411
LENGTH: 951
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                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Length 951;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      170 VAPGVGLAPGVGVAPGVG------VAPGVGVA 195
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches 106;
                                                                                                                                                                                                                                                                                                                                                                                                                                 0.08;
                                                                                                                                                                                                                                                                                                                                                                                                      25.5%; Score 257.5; 38.7%; Pred. No. 0.0
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SOFTWARE: PatentIn version 3.2
PRIOR FILING DATE: 2002-08-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              84; Conservative
                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 84; Conserv
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; ORGANISM: Homo s
PCT-US03-26780-3444
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LENGTH: 1755
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TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLECTIDES AND METHODS OF
TITLE OF INVENTION: HERE WESE
FILE REFERENCE: 08940, 0014-00304
CURRENT APPLICATION NUMBER: PCT/US03/26780
CURRENT APPLICATION NUMBER: PCT/US03/26780
CURRENT APPLICATION NUMBER: 60/406,579
PRIOR FILING DATE: 2002-08-29
PRIOR PRIOR PRIOR NUMBER: 60/406,566
PRIOR FILING DATE: 2002-08-29
PRIOR PRIOR FILING DATE: 2002-08-29
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Ouery Match 24.0%; Score 242; DB 1; Length 1755; Best Local Similarity 37.9%; Pred. No. 0.29; Matches 74; Conservative 1; Mismatches 112; Indels
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Best Local Similarity 34.6'
Matches 75; Conservative
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TITLE OF INVENTION: THERAPEUTICS, INC.

TITLE OF INVENTION: THEIR USE

TITLE OF INVENTION: THEIR USE

TITLE OF INVENTION: THEIR USE

TITLE OF STATE OF TAXABATION STATE

TITLE OF TAXABATICATION NUMBER: PCT/US03/26780

CURRENT FILING DATE: 2003-08-29

PRIOR PELICATION NUMBER: 60/406,616

PRIOR PELICATION NUMBER: 60/406,55

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PILING DATE: 2002-08-29
                                                                 702 GGGTGAGGAGGAGGAAGTGGTGGCAGAGGAGGAGGTGGAGGAGGTAGTCATGGAGGA 761
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105 GVAPGVGVAPAIGPEAQAAAAKAAKYG--VGTPAAAAKAAAKAAQFGLVPGVGVAPGV-162
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                                                                                                                                                           163 GVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 199
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SEQ ID NO 3135
LENGTH: 1719
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CRGANISM: Homo sapiens
PCT-US03-26780-3135
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1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGIPAAAAKA 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ROTHSTEIN, ASER
APPLICANT: RELIEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND CHERE FIBROUS PROTEINS
FILE REPRENCE: 04108/0110
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
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APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: MFU-3 polypeptide
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          US-08-212-237-3
US-08-806-029-26
US-08-017-15-39
US-08-175-15-39
US-08-177-15-39
US-08-477-509B-74
US-08-477-509B-74
US-08-444-791A-74
US-08-397-633A-75
US-08-397-633A-75
US-08-397-633A-75
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US-08-397-633A-75
US-08-397-633A-75
US-08-175-155-47
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US-08-402-19
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                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 1999-06-29
THENG APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1997-08-07
PRIOR APPLICATION NUMBER: 60/023,552
                                                                                                                                                                                                                                                                                                    Sequence 9, Application US/09340736E Patent No. 6489446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
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APPLICANT: ROTHSTEIN, ASER
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GENERAL INFORMATION:
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US-09-340-736E-10
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 TYPE: PRT
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978.887 Million cell updates/sec
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Sequence 10,
Sequence 11,
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Sequence 2, A
Sequence 40,
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Sequence 30,
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Sequence 31,
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Sequence 27,
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1 PGFGVGVGGIPGVAGVPGVG.......GYAPGVGVAPGVGVAPAIGP 117
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Sequence 1,
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Sequence 14,
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Sequence 5,
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/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
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/cgn2_6/ptodata/1/iaa/PECTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PECTUS_COMB.pep:*
            GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-08-111-364-2
US-09-340-736E-1
US-08-240-700-2
US-08-464-700-2
US-08-68-039A-40
US-08-611-334A-13
US-09-841-334A-13
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Maximum Match 100%
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Gapop 10.0 , Gapext 0.5
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NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
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Best Local Similarity 100.(
Matches 117; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 3000 K Str
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20007-5109
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                          US-09-340-736E-2
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APPLICANT KOLRIELY, FRED

APPLICANT ROTHSTEIN, SITUREN

TITLE OF INVENTION. SELF-ALIGHING PEPTIDES MODELED ON HUMAN ELASTIN

TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS

TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS

FILE REFERENCE: 041082/0110

CURRENT PAPLICATION NUMBER: 05/03/40,736E

CURRENT FILING DATE: 199-06-29

PRIOR APPLICATION NUMBER: 08/911,364

PRIOR PELING DATE: 1996-06-07

REIOR FILING DATE: 1996-08-07

NRIOR FILING DATE: 1996-08-07

STOLD NO 110

STOLD NO 110
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US-09-340-736E-11
                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: MFU-4 polypeptide
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Best Local Similarity 100.0%; Pred. No. 1.1e-48;
Matches 117; Conservative 0; Mismatches 0;
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
                FILE REPERENCE: 041082/0110
CURRENT APPLICATION NUMBER: US/99/340,736E
CURRENT FILING DATE: 1999-06-29
PRIOR APPLICATION WUMBER: 08/911,364
PRIOR FILING DATE: 1997-08-07
PRIOR APPLICATION WUMBER: 60/023,552
PRIOR FILING DATE: 1996-08-07
NUMBER OF SEQ ID NOS: 11
SOFUTHWARE: Patentin Ver: 2.1
SOFUTHWARE: Patentin Ver: 2.1
: LENGTH: 118
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GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASER
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.(
Matches 117; Conservative
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APPLICANT: ROTHSTEIN, ASER
APPLICANT: REBLEY. REBLEY. REBLEY
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0110
CURRENT APPLICATION NUMBER: 08/99/340,736E
CURRENT FILING DATE: 1997-06-29
PRIOR PELLING DATE: 1997-06-79
PRIOR PELLING DATE: 1997-06-77
PRIOR PELLING DATE: 1997-06-77
PRIOR PELLING DATE: 1997-08-77
PRIOR FILING DATE: 1997-08-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: WFU-1 polypeptide
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APPLICANT: REELY, Fred W
APPLICANT: ROTHSTEIN, Steven J.
TITLE OF INVENTION: SELY-ALIGWING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: BLASTIN AND OTHER FIBROUS PROTEINS
CORRESPONDENCE: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLLY & LARDNER
STREET: 3000 K Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 597; DB 4; Length 200; 100.0%; Pred. No. 1.9e-48; Live 0; Mismatches 0; Indels (
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FILING DATE: 07-AUG-1997
CLASSIFICATION: 530
Sequence 2, Application US/09340736E Patent No. 6489446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/08911364 Patent No. 5969106 GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
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NAME: Bent, Stephen A.
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SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND OTHER FIBROUS PROTEINS
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TYPE: amino acid
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Best Local Similarity 98.33
Matches 115; Conservative
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MOLECULE TYPE: peptide
US-08-911-364-1
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                               Washington
                                                                                                                                                    COUNTRY: U.S.A. ZIP: 20007-5109
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                                                                                                               CITY: W
STATE:
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APPLICANT: ROTHSTEIN, ASER
APPLICANT: RELEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER PIBROUS PROTEINS
TILE REPERRORE: 041082/010
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
PRIOR PILING DATE: 1999-06-29
PRIOR PILING DATE: 1990-08-07
PRIOR APPLICATION NUMBER: 60/023,552
PRIOR RELING DATE: 1996-08-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PATENTIN Ver. 2.1
: SED ID NO 1
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; Pred. No. 7.4e-48;
0; Mismatches 0;
                   REFERENCE/DOCKET NUMBER: 041082/0104 TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09340736E Patent No. 6489446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/08911364
Patent No. 5969106
GENERAL INFORMATION:
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KEELY, Fred W.
ROTHSTEIN, Steven J.
 REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 117; Conservative 0
                                                        TELEPHONE: (202) 672-5300
TELEFRAX: (202) 672-5399
INFORMATION FOR SEO ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                  LENGTH: 201 amino acids TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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US-09-340-736E-1
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1 PGFGVGVGCIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAAKA 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Spring House Corporate Cntr, PO Box 457
CITY: Spring House
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PROPER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NOWBER: US/08/911,364
FLING DATE: 07-AUG-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INPORMATION:
APPLICANT: WEISS, ANTHONY S
APPLICANT: WEISS, ANTHONY S
TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               041082/0104
                                                                                                                                                                                                                                                                                                               FILING DATE: 07-AUG-1997
CLASSIFICATION: 530
PRIOR APPLICATION: 530
APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY AGENT INFORMATION:
ANAWE: Bent, Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 2, Application US/08464700 ; Patent No. 6232458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Howson and Howson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEPRAX: (202) 672-5399
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Bent, Stephen A. REGISTRATION NUMBER: 29,768
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: 3000 K Street, N.W.
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35;

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APPLICANT: Urry, Dan
APPLICANT: Farker, Timothy
APPLICANT: Parker, Timothy
APPLICANT: Braker, Timothy
APPLICANT: Glazer, Paul
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REFERENCE: BERL-020/050S
CURRENT APPLICATION NUMBER: US/09/841,334A
CURRENT FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-05-39
PRIOR FILING DATE: 1998-05-39
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Version 3.0
SEQ ID NO 38
LENGH: 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   465 PGPQAAVPGVPGTGGVPGVGTPAAAARAAARAAARAAQFALLNLAGLVPGCVGVQAPGVGVAPGV 524
                                                                                                                                                                                                                                                                                                                                                                    48 YGVGTPAAAAAKAAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGLAPGVGVAPGVGTAAAAA 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 PGFGV-GVG----GIPGVAGVPGVG----GVPGVGISPEAQAAAAKAAK 47
                                                                                                                                                                                                                                                                                                                                                                                                                                          49 ------GVGTPAAAAKAAAKAAQF-----GLVPGVGVAPGV
                                                                                                                                                                                                                                                  Length 792;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      56.3%; Score 336; DB 4; Length 745; 59.7%; Pred. No. 1.1e-23; Live 5; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                         1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKY
                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                               5;
                                                                                                                                                                                                                                                  DB 2;
                                                                                                                                                                                                                                                Score 549.5; DB
Pred. No. 2e-43;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 525 GVAPGVGLAPGVGVAPGVGVAPGIGP 556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 86 GVAPGVGLAPGVGVAPGVGVAPAIGP 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                             Query Match 92.0%;
Best Local Similarity 75.7%;
Matches 115; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; LOCATION: (1)...(745)
; OTHER INFORMATION: Synthetic
US-09-841-334A-38
                           TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 72 amino acid
TYPE: amino acid
       TELEPHONE: 202-624-1589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        77; Conservative
                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 108 GVGVAPAIG 116
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Best Local Similarity
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                                                                                                                                                                                                 US-08-678-039A-40
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Williams Syndrome Cognitive Profile by Analysis of the
Presence or Absence of a LIM-Kinase Gene
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAKA 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 701 Bast
STREET: Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                             PRICKATION 14.3.

PRICKATION 10.4.4.3.

APPLICATION NUMBER: AU PL6520

FILIND BATE: 22-DEC-1992

PRICK APPLICATION DATA:
APPLICATION NUMBER: AU PL9661

FILIND BATE: 28-UN-1993

PRICK APPLICATION NUMBER: B-CT/AU93/00655

FILIND BATE: 16-DEC-1993

APPLICATION NUMBER: PCT/AU93/00655

FILIND BATE: 16-DEC-1993

APPLICATION NUMBER: GHC3USA

REGISTRATION NUMBER: GHC3USA

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/08/678,039A
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US/08/464,700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 40, Application US/08678039A; Patent No. 5858662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Keating, Mark T. APPLICANT: Morris, Colleen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        733 amino acids
                           7-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best_Local Similarity 98.3
Matches 115; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: DISC
TITLE OF INVENTION: Will
TITLE OF INVENTION: Pre-
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROTHWell, F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-464-700-2
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
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191 SGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAAVTGRGDSP 250
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 1169;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             38; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08212237
Patent No. 5606019
GENERAL INFORMATION:
APPLICANT: CAPANITY COSEPH
TITLE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 PGFGV--GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAA---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/212,237
FILING DATE: 11-MAR-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 280.5; DB 4
Pred. No. 2.4e-18;
6; Mismatches 38
                                                                                             NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801 REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     90 GVGLAPGVGVAPGVGVAPAIG 116
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20,015
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TELEPHONE: 415-781-1889
TELEFAX: 415-388-3249
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                      TELECOMMUNICATION INFORMATION
                                                                                                                                                                                            TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 1169 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 47.0%;
Best Local Similarity 34.8%;
Matches 72; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION: NAME: Rowland, Bertram I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           43 ------
                                                                                                                                                                                                                                                                                                                                               unknown
                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-806-029-33
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                                                                                                                                                                                                                                                                                                                     amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A. ZIP: 94111-4187
                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                        TYPE:
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                                                                                        GENERAL INFORMATION:

APPLICANT: Urry, Dan

APPLICANT: Urry, Dan

APPLICANT: Urry, Dan

APPLICANT: Parker, Timothy

APPLICANT: Parker, Timothy

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

FILE REPRESENCE: BELL-020/0505

CURRENT APPLICATION NUMBER: US/09/841,334A

CURRENT FILING DATE: 1990-02-26

FRIOR FILING DATE: 1998-02-26

FRIOR APPLICATION NUMBER: US 60/087155

FRIOR APPLICATION NUMBER: US 60/087155

FRIOR APPLICATION NUMBER: US 60/076297

FRIOR FILING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            53 PAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 35; Gaps
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Pred. No. 3.4e-24;
5; Mismatches 10; Indels 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 33, Application US/08806029;
Sequence 33, Application US/08806029;
Fatent No. 6380154;
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSES: Febr: Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5 PGVGVPGVGVPGV-----
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
                                             Sequence 14, Application US/09841334A Patent No. 6533819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.0 SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .ch 55.9%;
.l Similarity 59.7%;
74; Conservative
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COTHER INFORMATION: Synthetic US-09-841-334A-14
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STATE: California
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Best Local Similarity
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                              US-09-841-334A-14
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50 VGTPAAAAAKA-----AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGTAPGVG 104
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                        2 GFGVGVGGIPGV----AGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKAAKYG 49
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Pred. No. 4.2e-16;
5; Mismatches 28; Indels 25; Gaps
                                                                                                                                                                                                                                                                           RESULT 15
PCT-US95-02772-5
; Sequence 5, Application PC/TUS9502772
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Protein Polymer Technologies, Inc.
; TITLE OF INVENTION: Synthetic Proteins As Implantables
                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Flehr, Hohbach, Test, Albritton & Herbert
Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: ROWLAIDG, BESTEAM:
REGISSATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Search completed: October 10, 2003, 18:43:11 Job time : 5.05714 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US95/02772 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
TOWOTH: 988 amino acids
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56.1%;
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183 V-PGVGV-PGVG 192
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183 V-PGVGV-PGVG 192
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; MOLECULE TYPE: protein
PCT-US95-02772-5
                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: FOLL CITY: San Francisco
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Best Local Similarity
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STATE: CA
COUNTRY:
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                                                                                                                                                         Query Match 42.8%; Score 255.5; DB 1; Length 988; Best Local Similarity 56.1%; Pred. No. 4.2e-16; Matches 74; Conservative 5; Mismatches 28; Indels 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INCORATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stederonsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fight, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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Pred. No. 4.2e-16;
5; Mismatches 28;
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REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MIK
TELECOMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
WEDJUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 28, Application US/08806029 Patent No. 6380154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 28:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 42.8%;
Best Local Similarity 56.1%;
Matches 74; Conservative
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                      988 amino acids
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SEQUENCE CHARACTERISTICS:
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                                                         STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: unknown MOLECULE TYPE: protein
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October 10, 2003, 18:41:34; Search time 8.82857 Seconds (without alignments) 2135.343 Million cell updates/sec
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1. (1902_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

1. (1903_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*

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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                 using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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597
                                                                                                                                                                 protein search,
                                                                                                                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                 Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| | Description | Sequence 9, Appli | Sequence 10, Appl | Sequence 11, Appl | 2, | 7 | Sequence 8, Appli | 8 | ~ | ra; | · -J+ | | Sequence 82, Appl | 81, | Sequence 26, Appl | Sequence 25, Appl |
|-----------|--------------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|
| SUMMARIES | QI. | US-09-964-662-9 | US-09-964-662-10 | US-09-964-662-11 | US-09-964-662-2 | US-09-964-662-1 | US-09-961-403-8 | US-09-837-969A-38 | US-09-841-321A-38 | US-09-837-969A-14 | US-09-841-321A-14 | US-10-096-986-74 | US-10-096-986-82 | US-10-096-986-81 | US-10-117-931-26 | US-10-117-931-25 |
| | | 12 | 12 | 12 | 12 | 12 | 17 | σ | 10 | o, | 10 | 15 | 15 | 15 | 15 | 15 |
| | Query Match Length DB | 117 | 118 | 199 | 200 | 731 | 730 | 745 | 745 | 148 | 148 | 1465 | 2257 | 2055 | 378 | 1002 |
| opp | Query Match | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.1 | 56.3 | 56.3 | 55.9 | 55,9 | 41.0 | 39.7 | 39.3 | 39.2 | 39.2 |
| | Score | 597 | 597 | 597 | 597 | 597 | 574 | 336 | 336 | 333.5 | 333.5 | 245 | 237 | 234.5 | 234 | 234 |
| į | Result No. | П | 7 | e | 4 | Ŋ | 9 | 7 | ထ | σı | 10 | 11 | 12 | 13 | 14 | 15 |

RESULT 2 US-09-964-662-10 ; Sequence 10, Application US/09964662

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Sequence 9, Application US/09964662

| Sequence 9, Application US/09964662
| Publication No. US20030166846A1
| SEDERAL INFORMATION:
| APPLICAMT: PROTEIN SPECIALTIES I.DD.
| APPLICAMT: PROTEIN SPECIALTIES I.DD.
| TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS
| TITLE OF INVENTION: OTHER FIBROUS PROTEINS
| SILE REFERENCE: 041082/0112
| CURRENT APPLICATION NUMBER: US/09/964,662
| PRIOR APPLICATION NUMBER: US/09/964,662
| PRIOR APPLICATION NUMBER: 09/940,736
| WUMBER OF SEQ ID NOS: 11
| SOSTING DATE: 1999-06-29
| SOSTING DATE: 1099-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 PGFGYGYGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAKA 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT; ORGANISM: Homo sapiens
US-09-964-662-9
US-09-964-662-9
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TYPE: PRT ORGANISM: Artificial Sequence
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; ORGANISM: Homo sapiens
US-09-964-662-1
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Fublication No. US20030166846A1

GENERAL INFORMATION:

APPLICANT: PROPERTIES LTD.

APPLICANT: HGC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP

TITLE OF INVENTION: OFFER FIENCY PROPELINS

TITLE OF INVENTION: OFFER FIENCY PROPELINS

TITLE PERFERENCE: 041082/0112

CURRENT APPLICATION NUMBER: US/09/964,662

CURRENT FILING DATE: 2003-05-08

PRIOR FILING DATE: 1999-06-29

NUMBER OF SEQ ID NOS: 11

SOFTWARE PALCALION VOL. 2.1
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APPLICANT: PROTEIN SPECIALTIES LID.

APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP

TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND

TITLE OF INVENTION: OTHER FIBROUS PROTEINS

FILE REPERENCE: 041082/0112

CURRENT APPLICATION NUMBER: US/09/964,662

CURRENT FILING DATE: 2003-05-08

PRIOR APPLICATION NUMBER: 09/340,736

PRIOR APPLICATION NUMBER: 09/340,736

PRIOR PRIOR FILING DATE: 1999-06-29

NUMBER OF SEQ ID NOS: 11

SOFTWARE: Patentin Ver. 2.1
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Publication No. US20030166846A1
                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-09-964-662-10
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US-09-964-662-11
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US-09-964-662-11
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LENGIH: 118
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LENGTH: 199
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US-09-964-662-2
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Sequence 1, Application US/09864662

Publication No. US20030166846A1

Semeral INFORMATION:
APPLICANT: PROTEIN SPECIALTES IND.
APPLICANT: BROTEIN SPECIALTES IND.
ITILE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND ITILE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND ITILE OF INVENTION: OFFER PROJECT ON SPECIAL SELFOND SELFOND SPECIAL SELFOND SELFOND SPECIAL SELFOND 
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Publication No. US20030077589A1
GENERAL INFORMATION:
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Sequence 38, Application US/09841321A,
Sequence 38, Application US/09841321A,
Sequence 38, Application US/09841321A,
Sequence 38, Application US/09841321A,
GENERAL INFORMATION:
SEQUENCE SET.
SEQUENCE SERL-020/040S
CURRENT EPLING DATE: 1090-02-26
SET. CORRENT FILING DATE: 1099-02-26
SET. PRIOR REPLICATION NUMBER: US 60/087155
PRIOR PILING DATE: 1998-02-26
SPRIOR FILING DATE: 1998-05-29
SPRIOR FILING DATE: 1998-05-29
SPRIOR FILING DATE: 1998-05-29
SPRIOR FILING DATE: 1998-05-29
SPRIOR FILING DATE: 1998-05-27
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APPLICANT: Urry Dan

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

FILE REFERENCE: BEEL-020/03US

CURRENT FILING DATE: 020/01-06-19

FRICH RILING DATE: 0001-06-19

PRIOR FILING DATE: 1999-02-26

PRIOR FILING DATE: 1998-05-29

PRIOR FILING DATE: 1998-05-29

PRIOR FILING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 65

SEQ ID NO 14

SEQ ID NO 14
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US-09-387-969A-14
Sequence 14, Application US/09837969A
; Patent No. US20020038150A1
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ORGANISM: Artificial Sequence
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CTHER INFORMATION: Synthetic US-09-841-321A-38
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241 GVGVAPGVG 249
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Patent No. US2002038150A1
GENERAL INFORMATION:
CENERAL INFORMATION:
CENERAL INFORMATION:
COURSENT APPLICATION NUMBER: US/09/837,969A
CURRENT APPLICATION NUMBER: US/09/837,969A
CURRENT APPLICATION NUMBER: US/09/837,969A
CURRENT APPLICATION NUMBER: US/09/837,969A
PRIOR APPLICATION NUMBER: US/09/258,723
PRIOR FILING DATE: 1998-02-26
PRIOR FILING DATE: 1998-02-27
PRIOR PRILING DATE: 1998-03-27
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ARABTIZSHMAR, JOERN
ARABTIZSHMAR, JOERN
APPLICANT: WINTERHAGER, ELKE
APPLICANT: WINTERHAGER, ELKE
TITLE OF INVENTION: METHON FOR IN VITRO DIAGNOSIS OF FILE REFERENCE: SCH-1789
CURRENT APPLICATION NUMBER: US/09/961,403
CURRENT FILING DATE: 2001-09-25
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 730
TYPE: PPT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 56.3%; Score 336; DB 9; Length 745; 59.7%; Pred. No. 2e-19; Live 5; Mismatches 17; Indels
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; OTHER INFORMATION: Synthetic
US-09-837-969A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             77; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT; ORGANISM: Homo sapiens
US-09-961-403-8
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Best Local Similarity
Matches 77; Conserv
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US-09-837-969A-38
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Score 245; DB 15;
Pred. No. 7.5e-12;
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                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/444,791
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear; MOLECULE TYPE: protein ; SEQUENCE DESCRIPTION: SEQ ID NO: 74: US-10-096-986-74
                    APPLICANT: Ferrari, Franco A.
Richardson, Charles
Chambers, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
                                                                        Causey, Stuart
Pollock, Thomas J.
Cappello, Joseph
Crissman, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 1465 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
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55.0%;
                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: California
                                                                                                                                                                                 NUMBER OF SEQUENCES: 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 55.04
Matches 72; Conservative
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                                                                                                                                                TITLE OF
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APPLICANT: UTY, DAN
TITLE OF INVENTION:
TITLE REFERENCE: BERL-020/04US
CURRENT APPLICATION NUMBER: US/09/841,321A
CURRENT APPLICATION NUMBER: US/09/841,321A
CURRENT APPLICATION NUMBER: US 09/258,723
PRIOR APPLICATION NUMBER: US 60/08155
PRIOR FILLING DATE: 1999-02-26
PRIOR FILLING DATE: 1998-05-29
NUMBER: US 60/076297
NUMBER: US 60/076297
NUMBER: US 60/076297
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                                                                                                                            DB 9; Length 148;
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Pred. No. 6.5e-20;
5; Mismatches 10; Indels
                                                                                                                        Score 333.5; DB 9; Length 1
Pred. No. 6.5e-20;
5; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14, Application US/09841321A
Patent No. US20020116069A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin version 3.0 SEQ ID NO 14
ORGANISM: Artificial Sequence
                                                                                                                            59.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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COTHER INFORMATION: Synthetic US-09-841-321A-14
                                                   LOCATION: (1)...(148)
CTHER INFORMATION: Synthetic US-09-837-969A-14
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                                                                                                                                                               74; Conservative
                                                                                                                          Query Match
Best Local Similarity
Matches 74; Conserv
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Best Local Similarity
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PGVG 101
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                                     NAME/KEY: PEPTIDE
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INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Sam 1 PGFGVGVG-----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKA 45 38; Length 1465; CORRESPONDENCE ADDRESS:
ADDRESSE: Flehr Hobbach Test Albritton & Herbert STREET: Four Embarcadero Center, Suite 3400 17; Indels ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801 REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BFC FILING DATE: 22-No. 92203308464A1-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-001199
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/03,049
FILING DATE: 22-AER-1993
APPLICATION NUMBER: US 07/114,618
FILING DATE: 22-CCT-1993
APPLICATION NUMBER: US 07/114,518
FILING DATE: 04-NOV-1986

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TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Sar
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 GFGVGVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQA-
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FILING DATE: 22-%0. US/20030084464A1-1999

APPLICATION NUMBER: US 08/482,085

FILING DATE: 07-010-1995

FILING DATE: 07-010-1995

APPLICATION NUMBER: US 08/175,155

FILING DATE: 29-DEC-1993

APPLICATION NUMBER: US 08/053,049

FILING DATE: 22-APR-1993

APPLICATION NUMBER: US 07/114,618

FILING DATE: 22-APR-1993

APPLICATION NUMBER: US 07/114,618

FILING DATE: 04-NOV-1986
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REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
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Pred. No. 7.2e-11;
6; Mismatches 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER REAABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 81:
93 LAPGVGVAPGVGVAPGIG 116
                         161 V-PGVGV-PGVGV-PGAG 180
                                                                                                                                                                                                                                   APPLICANT: Ferrari, Franco A. Richardson, Charles Chambers, James Causey, Stuart Pollock, Thomas J. Cappello, Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 81.
                                                                                                                                                            Sequence 81, Application US/10096986 Publication No. US20030083464A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Crissman, John W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
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Best Local Similarity 46.75
Matches 78; Conservative
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                                                                                                                      RESULT 13
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                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ------AKYGVGTPAAAAAAAAAAAAAAAAA 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38;
                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE: Flehr Hohbach Test Albritton & Herbert LLP STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 15; Length 2257;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBH PC compatible
COMPUTER: PC-DOS/MS-DOS
COFRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/444,791
FILING DATE: 22-No. US20030083464A1-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-4UN-1995
APPLICATION NUMBER: US 08/175,155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         39.7%; Score 237; DB 1:
52.8%; Pred. No. 5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 06/927,258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 82:
05-10-096-986-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Trecartin, Richard F.
                                                                                                                 APPLICANT: Ferrari, Franco A.
Richardson, Charles
Chambers, James
Causey, Stuart
                                          Sequence 82, Application US/10096986 Publication No. US20030083464A1 GENERAL INFORMATION:
                                                                                                                                                                                                              Polločk, Thomas J.
Cappello, Joseph
Crissman, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGIH: 2257 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 415-398-324 INFORMATION FOR SEQ ID NO: 82:
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Best Local Similarity 52.8
Matches 76; Conservative
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RESULT 12
US-10-096-986-82
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46 GAGSGVGVPGVGVPGV-GVPGVGVPGVGVPGVGVPGVGV-PGAGAGSGAGAGSGA 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             42 GAGSGYGVPGVGVPGV-GVPGVGVPGKGVPGV-GVPGVGVPP--------GVGVP 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            50; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: Four Embarcadero Center, Suite 200
CITY: San Prancisco
                                                                                                                       70 VPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 116
                                                                                                                                              Length 378;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OOPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/117,931
FILING DATE: 05-Apr-2002
CLASSIFICATION: <URNOwn>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      APPLICANT: STEDRONSKY, Erwin R. CAPPELLO, Joseph TITLE OF INVENTION: Tissue Adhesive Using Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 234; DB 15;
Pred. No. 1.5e-11;
5; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 20015
REPERENCE/DOCKET NUMBER: A61127-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/642,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                         41 AAAKAAKYGVGTPAAAAAAKAAAKAAQFGL-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -----APGVGVAPAIG 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          141 AGSGAGAGSGVGVPGVGV-PGVG 162
                                                                                                                                                                                                                                                                                                                                                                                         Crosslinking
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, Bertram I
                                                                                                                                                                                                                                          US-10-117-931-26; Application US/10117931; Publication No. US20030104589Al; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGIH: 378 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
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49.7%;
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ZIP: 94111
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 GFGVGVG----GIPGVAGVPGVG----GVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTP
                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT STREET: Four Embarcadero Center, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 1002;
                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/11/,931
FILING DATE: 05-Apr-2002
CLASSIFCATION: CUNROWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/642,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17; Indels
                                                                                                                                       CAPPELLO, Joseph
TITLE OF INVENTION: Tissue Adhesive Using Synthetic
Crosslinking
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           39.2%; Score 234; DB 15;
49.7%; Pred. No. 3.9e-11;
tive 5; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: A61127-1/BIR TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear

MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-117-931-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Search completed: October 10, 2003, 19:02:26 Job time : 8.82857 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ---APGVGVAPAIG 116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 
ATTORNET/AGENT INFORMATION:
NAME: ROWLAND, Bertran I
REGISTRATION NUMBER: 20015
                                                                                       GENERAL INFORMATION:
APPLICANT: STEDRONSKY, Erwin R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 1002 amino acids
                                           Sequence 25, Application US/10117931
Publication No. US20030104589A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                     CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                   COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
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                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
RESULT 15
US-10-117-931-25
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Best Local S.
Matches 71
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Scoring table:

Searched:

Database

Perfect score:

Sequence:

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Sequence 10290, A Sequence 10290, A Sequence 10289, A Sequence 10289, A Sequence 10289, A Sequence 10289, A Sequence 5, Applisequence 5, Applisequence 7, Applisequence 2, Applisequence 2, Applisequence 2, Applisequence 217, Applisequence 217, Applisequence 217, Applisequence 212, Applisequence 221, Applisequence 221, Applisequence 221, Applisequence 221, Applisequence 221, Applisequence 231, Applisequence 231, Applisequence 231, Applisequence 231, Applisequence 247, Applisequence 2477, Applisequence 247, Applisequence 24
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Seguence 45, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 74, App]
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Sequence 74, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: PROTEINS SPECIALTIES LTD.
APPLICANT: PROTEINS SPECIALTIES LTD.
APPLICANT: PROTEINS
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUKAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROGS PROTEINS
TITLE OF INVENTION: OTHER FIBROGS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT APPLICATION NUMBER: 09/340,736
PRIOR PRILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 117
                                                     Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 117;
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100.0%; Score 597; DB 25;
100.0%; Pred. No. 2.7e-43;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-096-986-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 9, Application US/09964662 ; GENERAL INFORMATION:
   Query Match 100.
Best Local Similarity 100.
Matches 117; Conservative
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; ORGANISM: Homo sapiens
US-09-964-662-9
   US-09-964-662-9
   484.5
484.5
484.5
471
434.5
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                                                                                                               October 10, 2003, 18:38:08; Search time 85.5429 Seconds (without alignments) 1244.528 Million cell updates/sec
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                                                                                                                                                                                                                1 PGFGVGVGGIPGVAGVPGVG......GVAPGVGVAPGVGVAPAIGP 117
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                 GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 117
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 200
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 731
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US-09-964-662-1
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                       PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAKA 60
                                                              1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAKAAKYGVGTPAAAAKA 60
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                                                                                                                                     Sequence 10, Application US/09964662
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALTIES LID.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/012
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 11, Application US/09964662
GENERAL INFORMATION:
APPLICANT: FOOTEN SPECIALITES LD.
APPLICANT: FOOTEN SPECIALITES LD.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/010.
CURRENT APPLICATION NUMBER: 05/09/964,662
CURRENT FILING DATE: 12003-05-08
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 09/340,736 PRIOR FILING DAFF: 1999-06-29 NUMBER OF SEQ ID NOS: 11 SOFWARE: Patentin Ver. 2.1
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US-09-964-662-11
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US-09-964-662-10
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US-09-964-662-11
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LENGIH: 199
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61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGGVGVAPAIGP 117
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FILE REPERENCE: 041082/0119
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT APPLICATION NUMBER: 09/340,736
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
                                                                                                                                                                                                                               APPLICANT: PROTEIN SPECIALITES LTD.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEFTIDES MODELED ON BUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
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100.0%; Pred. No. 4.8e-43;
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100.0%; Pred. No. 2e-42;
iive 0; Mismatches (
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                                                                                                                                                                 ; Sequence 2, Application US/09964662; GENERAL INFORMATION:
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Sequence 10289, Application US/60453135
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: TAKOUBOVA, Olga
TITLE OF INVENTION: GENERIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01456
CURRENT APPLICATION NUMBER: US/60/453,135
CURRENT APPLICATION NUMBER: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FEASISEQ for Windows Version 4.0
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREDI
FILE REPERBUES: CLOOL466
CURRENT APPLICATION UNMBER: US/60/466,412
CURRENT FILING DATE: 2003-04-30
NUMBER OF SEQ ID NOS: 429241
SOUTHWARE: FASTSEQ for Windows Version 4.0
ENGTH: 702
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

TITLE OF INVENTION: STRNOSIS, METHODS OF DETECTION AND USES THEREOF

FILE REPERENCE: CLOO1457, 050

CURRENT APPLICATION NUMBER: US/60/453,050

VURBER OF SEQ ID NOS: 82762

SOFTWARE: Reaf-SEQ for Windows Version 4.0

SEQ ID NO 10289

LENGTH: 757
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Pred. No. 4.2e-42;
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Pred. No. 4.6e-42;
0; Mismatches 1;
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US-60-453-050-10289
; Sequence 10289, Application US/60453050
; GENERAL INFORMATION;
; APPLICANT: CARGILL, Michele
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99.1%;
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99.1%;
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Best Local Similarity 99.1
Matches 116; Conservative
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ORGANISM: Homo sapiens
US-60-453-050-10289
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ORGANISM: Homo sapiens
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Best Local Similarity
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APPLICANT: TAKOUBOVA, 01ga
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001456
CURRENT APPLICATION NUMBER: US/60/453,135
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FastSEQ for Windows Version 4.0
ENDING 10.290
LENGTH: 70.2
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                                                                                                      Sequence 10290, Application US/60453050
GENERAL INFORMATION:
BAPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
APPLICANT: LUKE, May
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001457
CURRENT APPLICATION NUMBER: US/60/453,050
UNRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FRACESQ for Windows Version 4.0
SEQ ID NO 10290
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99.1%; Pred. No. 4.2e-42;
tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
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99.1%; Pred. No. 4.2e-42;
Live 0; Mismatches 1;
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APPLICANT: CARGILL, Michele
APPLICANT: IAKOUBOVA, Olga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 10290, Application US/60453135 ; GENERAL INFORMATION:
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Matches 116; Conservative
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Best Local Similarity 99.13
Matches 116; Conservative
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US-60-453-135-10290
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1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAAAA 60
                      61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 117
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COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            UNIVERSITY, SYDNEY
TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 587; DB 21;
Pred. No. 1.1e-41;
0; Mismatches 2;
                                                                                                              US-09-143-818-7
Sequence 7, Application US/09743818
Sequence 7, Application US/09743818
GENERAL INNORMATION:
TATLE OF INVENTION: Protease Susceptibility
FILE REFERENCE: Weiss Protease
CURRENT APPLICATION NUMBER: US/09/743,818
CURRENT PILING DATE: 2001-01-15
NUMBER OF SEQ ID NOS: 74
SOFTMARE: Patentin Ver. 2.0
SEG ID NO 7
LENGTH: 571
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: GUMLEY, THOMAS P
REFERENCE, DOCKET NUMBER: 04828ZK
TELECOMMUNICATION INFORMATION:
TELEPHONE: 61 2 9957 5944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: AU PO8117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: GRIFFITH HACK
STREET: 168 WALKER STREET
CITY: NORTH SYDNEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 31-Mar-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 18-JUL-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 26547
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 660 amino acids
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GENERAL INFORMATION:
APPLICANT: WEISS, ANTHONY S
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TELEFAX: 61 2 9957 6288
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98.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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US-09-743-818-7
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Best Local Similarity
Matches 115; Conserv
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US-09-463-091-5
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GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCARDIAL INFARCITION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01466
CURRENT APPLICATION NUMBER: US/60/466,412
CURRENT FILIG DATE: 2003-04-30
NUMBER OF SEG. DD NOS: 429241
SOFTWARE: PastSEQ for Windows Version 4.0
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                                                            99.3%; Score 593; DB 32;
ilarity 99.1%; Pred. No. 4.6e-42;
Conservative 0; Mismatches 1;
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Pred. No. 4.6e-42;
0; Mismatches 1;
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Sequence 71, Application US/09743818
GENERAL INFORMATION: GENERAL THORMATION: APPLICANT: The University of Sydney
ITILE OF INVENTION: Protease Susceptibility
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: Weiss Protease
CURRENT APPLICATION NUMBER: US/09/743,818
CURRENT FILMS DATE: 2001-01-15
NUMBER OF SEQ ID NOS: 74
SOFWARE: Patentin Ver. 2.0
SEQ ID NO: 71
LENGTH: 515
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99.1%;
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Best Local Similarity 98.3*
Matches 115; Conservative
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ORGANISM: Homo sapiens
        ORGANISM: Homo sapiens
                                                                                 Best Local Similarity
Matches 116; Conserv
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US-60-466-412-10289
        ; ORGANISM: HOMO :
US-60-453-135-10289
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LENGTH: 757
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                                                                                                                             Query Match 98.3%; Score 587; DB 18; Length 660; Best Local Similarity 98.3%; Pred. No. 1.3e-41; Matches 115; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/09743818
GENERAL INFORMATION:
APPLICANT: The University of Sydney;
TITLE OF INVENTION: Protease Susceptibility;
FILE REFERENCE: Weiss Protease
CURRENT APPLICATION NUMBER: US/09/743,818
NUMBER OF SEQ ID NOS: 74
SOFTHARE: Patentin Ver. 2.0
SSEQ ID NO 6
LENGTH: 660
                 STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
CRGANISM: Homo sapiens
US-09-743-818-6
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US-09-743-818-6
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US-09-463-091-5
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Search completed: October 10, 2003, 18:59:56 Job time: 86.5429 secs

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; Search time 2.82857 Seconds
(without alignments)
1227.665 Million cell updates/sec
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/cgn2_6/ptodata_2/pea_USG6_NEW_COMB.pep:*
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/cgn2_6/ptodata_2/pea_USG9_NEW_COMB.pep:*
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/cgn2_6/ptodata_2/pea_USG9_NEW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                           143239 segs, 29679805 residues
                                                                                                                                                    October 10, 2003, 18:41:13;
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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597
                                                                                                   protein search,
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| | | о¥ | | | SUMMARIES | |
|----------------|-------|-------|--------|----------------|---------------------|-------------|
| Result No. | Score | Query | Length | DB | DI | Description |
| | 0 | 99.3 | | 7 | US-60-487-610-1797 | |
| 2 | O | 99.3 | | 7 | -610-17 | 170 |
| С | 587 | 98.3 | | П | PCT-US02-24483-38 | 38 |
| 4 | 574 | 96.1 | | | -24483-4 | 4 |
| 'n | 316 | 52.9 | | 'n | US-09-807-742A-15 | 15 |
| 9 | 3 | 38.5 | | | US-09-807-742A-1 | H |
| 7 | 191 | 32.0 | | - | 3 | 356 |
| 80 | 191 | 32.0 | | П | PCT-US03-26780-3570 | 357 |
| o | 191 | 32.0 | | | PCT-US03-26780-3572 | 35, |
| 10 | S | 32.0 | | (| PCT-US03-26780-3573 | 35, |
| 11 | 191 | 32.0 | 906 | Н. | PCT-US03-26780-3571 | 35, |
| 12 | М | 30.0 | | Н | - 1 | 284, |
| 13 | 160.5 | 26.9 | | Н | 6780-3 | |
| 14 | 158 | 26.5 | | Н | PCT-US03-26780-3010 | 3010, |
| 15 | 158 | 26.5 | | Н | PCT-US03-26780-3009 | 3009, |
| 16 | 154.5 | 25.9 | | Н | PCT-US03-26780-3646 | 3646, |
| 17 | 151 | 25.3 | | Н | PCT-US03-26780-3444 | 3444, |
| 18 | 150.5 | 25.2 | | Н | PCT-US03-26780-3162 | 3162, |
| 19 | 150.5 | 25.2 | | 러 | PCT-US03-26780-3160 | 3160, |
| 20 | 150.5 | 25.2 | | | -31 | |
| 21 | 149 | 25.0 | | ıi | PCT-US03-26780-3136 | 3136, |
| 22 | 149 | 25.0 | | 1 | PCT-US03-26780-3135 | 3135, |
| 23 | 141 | 23.6 | | Н | PCT-US03-26780-3427 | 3427, |
| 24 | 141 | 23.6 | | Н | -343 | 3432, |
| 25 | 141 | 23.6 | | Н | -US03-26780-3 | 3459, |
| 26 | 140 | 23.5 | | Н | PCT-US03-26780-3578 | 3578, |

| | Sequence 59851, A Sequence 40, Appl Sequence 3263, Ap Sequence 3167, Ap Sequence 2746, Ap | Sequence 1757, Ap Sequence 2492, Ap Sequence 8, Appli Sequence 70766, A Sequence 2493, Ap | Sequence 38, Appl Sequence 1578, Ap Sequence 1002, Ap Sequence 71121, A Sequence 2411, Ap Sequence 1525, Ap |
|--|--|---|--|
| US-60-487-610-2047 US-60-487-610-2045 US-60-487-610-2046 | US-10-425-1144-59851 PCT-US02-18638A-40 PCT-US03-26780-3263 PCT-US03-26780-3167 US-60-487-610-2746 | US-60-485-450-1757 US-60-487-610-2492 US-10-372-683-8 US-10-425-114A-70766 US-60-487-610-2493 | PCT-US02-18638A-38 US-60-487-610.1578 US-60-485-450-1002 US-10-425-114A-71121 US-60-487-610-2411 US-60-485-450-1525 |
| ~~~ | 2447 | 7667 | 17677 |
| 1268 1283 1685 | 325 744 642 612 1604 | 1604 938 1669 194 1876 | 1366 1366 1366 190 1164 |
| 23.5 23.5 23.5 | 4.822 4.822 4.4.82 6.02 6.00 | 21.9 21.8 21.8 21.6 21.6 | 21.2 21.2 21.2 21.0 21.0 21.0 |
| 140 140 140 | 139.5 139.5 133 131.5 | 131 130 130 129 | 126.5 126.5 126.5 125.5 125.5 |
| 22 2 2 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 33 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 335 337 337 398 | 0 4 4 4 4 4 4 5 10 10 10 10 10 10 10 10 10 10 10 10 10 |

ALIGNMENTS

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Sequence 1797, Application US/60487610

GENERAL INPORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
TITLE OF INVENTION: GENETIC PLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001469
CURRENT FILLNG DATE: 2003-0-17
NUMBER OF SEQ ID NOS: 97101
SOUTHARE: FESTERE for Windows Version 4.0
SEQ ID NO 1997
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99.3%; Score 593; DB 7; Length 702;
Best Local Similarity 99.1%; Pred. No. 8.7e-17;
Matches 116; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Homo sapiens
US-60-487-610-1797
RESULT 1
US-60-487-610-1797
                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
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FILE REFERENCE: 21402-416A-061

FILE REFERENCE: 21402-416A-061

CURRENT PEDILCATION NUMBER: PCT/US02/24483

CURRENT FILING DATE: 2002-08-02

PRIOR APPLICATION NUMBER: 60/309,501

PRIOR APPLICATION NUMBER: 60/3123,994

PRIOR PILING DATE: 2001-09-21

PRIOR PELICATION NUMBER: 60/3123,994

PRIOR PILING DATE: 2001-09-21

PRIOR PLILING DATE: 2001-09-21

PRIOR PLILING DATE: 2001-09-21

PRIOR PLILING DATE: 2001-09-21

PRIOR PLILING DATE: 2001-09-08

PRIOR PLILING DATE: 2001-09-08

PRIOR PLILING DATE: 2001-08-08

PRIOR PLILING DATE: 2001-08-08

PRIOR PLILING DATE: 2001-08-07

PRIOR PLILING DATE: 2001-08-07

PRIOR PLILING DATE: 2001-08-07

PRIOR PLILING DATE: 2001-08-07

PRIOR PLILING DATE: 2001-08-13

PRIOR PLILING DATE: 2001-08-13

PRIOR PLILING DATE: 2001-08-13

PRIOR PLILING DATE: 2001-08-17

PRIOR PR
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GNRBAL INFORMATION:
APPLICANT: DANIELL, HENRY
TITLE OF INVENTION: PLASTIDS
FILE REPRENCE: 1465-PCT-US-00
CURRENT APPLICATION NUMBER: US/09/807,742A
CURRENT APPLICATION NUMBER: CD4-18
PRIOR APPLICATION NUMBER: PCT/US01/06288
PRIOR FILING DATE: 2001-02-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 574; DB 1; Length 692;
Pred. No. 4.5e-16;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 40
LENGTH: 692
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93.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 93.55
Matches 115; Conservative
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 119
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Matches 62; Conserv
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|IGP 489
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US-09-807-742A-15
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US-09-807-742A-15
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

FILE REPERENCE: 21402-416A-601

CURRENT APPLICATION NUMBER: POT/US02/24483

CURRENT APPLICATION NUMBER: POT/US02/24483

CURRENT PILING DATE: 2001-08-02

PRIOR PAPLICATION NUMBER: 60/333,994

PRIOR PAPLICATION NUMBER: 60/333,814

PRIOR APPLICATION NUMBER: 60/313,814

PRIOR APPLICATION NUMBER: 60/310,91

PRIOR APPLICATION NUMBER: 60/310,91

PRIOR PELING DATE: 2001-08-03

PRIOR APPLICATION NUMBER: 60/312,892

PRIOR PELING DATE: 2001-08-13

PRIOR PELING DATE: 2001-08-13
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                                                                                                                                                                                                                                                                   1 PGFGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAKAAKYGVGTPAAAAKA 60
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SOFTWARE: CuraSeqList version 0.1
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                                                                                                                                           Length 757;
                                                                                                                                                                                                           1; Indels
                                                                                                                                     Score 593; DB 7;
Pred. No. 9.1e-17;
0; Mismatches 1;
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APPLICANT: CuraGen Corp. et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 38, Application PC/TUS0224483 GENERAL INFORMATION:
                                                                                                                                     99.3%;
illarity 99.1%;
Conservative (
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Matches 115; Conservative
                                           ; ORGANISM: Homo sapiens
US-60-487-610-1796
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                                                                                                                                        Query Match
Best Local Similarity
Matches 116; Conserv
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GENERAL INCRANION:

GREACH INCRANION:

TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

TITLE OF INVENTION: THERET USE

CURRENT FILING DATE: 2003-08-29

PRIOR APPLICATION NUMBER: 60/406,616

PRIOR FILING DATE: 2002-08-29

PRIOR PILING DATE: 2002-08-29

PRIOR PLILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,642

PRIOR PLILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,666

PRIOR PLILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,665

PRIOR PRILING DATE: 2002-08-29

PRIOR PRILING DATE: 2002-08-29

PRIOR PRILING DATE: 2002-08-29

PRIOR PRILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,665
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               PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR PRIOR PAPELICATION NUMBER: 60/406,576
PRIOR PRIOR DATE: 2002-08-29
PRIOR PRIING DATE: 2002-08-29
PRIOR PRIING DATE: 2002-08-29
PRIOR PRIING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR PRIING DATE: 2002-08-29
PRIOR PRIING DATE: 2002-08-30
PRIOR PRIOR PAPELICATION NUMBER: 60/406,653
PRIOR PRIING DATE: 2002-08-30
PRIOR PRIOR DATE: 2002-08-30
SERMANER: PRIOR DATE: 2002-08-30
SOUTHWARE: Patentin Version 3.2
ERNGTH: 252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66 QFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 32.0%; Score 191; DB 1; Length 252; Best Local Similarity 42.3%; Pred. No. 0.067; Matches 47; Conservative 1; Mismatches 63; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3570, Application PC/TUS0326780; GENERAL INFORMATION:
60/406,588
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42.3%;
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SEQ ID NO 3570
LENGTH: 279
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PCT-US03-26780-3570
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ORGANISM: Homo sapiens
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Best Local Similarity
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GENERAL INFORMATION:
JAPPLICANT: FIVEPRIME THERAPEUTCS, INC.
JATLE OF INVENTION: HUGAN POLYTEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE
JETLE OF INVENTION UNMBER: 60/406,616
JETLE OF THE OFFICE SOOD-08-29
JETLE OFFICE OFFICE SOOD-08-29
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                                                   1 PGFGV--GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAKAAKYGVG-TPAAAA 57
                                                                                                                                                                                                                                                                                                        CTHER INFORMATION: This sequence may encompass 1-250 Gly Val Gly Val Pro CHER INFORMATION: repeats US-09-807-742A-1
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GENERAL INFORMATION:
APPLICANT: DANIELL, HENRY
TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
TITLE OF INVENTION: PLASTIDS
FILE REFERENCE: 1465-PCT-US-00
CURRENT APPLICATION NUMBER: US/09/807,742A
CURRENT FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: PCT/US/01/06288
PRIOR PILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 19
SOFTWARR: PATENT VET. 2.1
SEQ ID NO 1.00
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Pred. No. 0.0062;
4; Mismatches 7; Indels 4:
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Best Local Similarity 54.35
Matches 70; Conservative
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51 -GVGVPGVG-----
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PCT-US03-26780-3569
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US-09-807-742A-1
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APPLICANT: FIVEPRIME THERAPEUTICS, INC.
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
TITLE OF INVENTION: THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR PILICATION NUMBER: 60/406,579
PRIOR PILICATION NUMBER: 60/406,579
PRIOR PILICATION NUMBER: 60/406,579
PRIOR PILING DAME: 2002-08-29
PRIOR PRIOR DAME: 2002-08-29
PRIOR PILING DAME: 2002-08-39
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42.3%; Pred. No. 0.087;
.ive 1; Mismatches 63; Indels
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FILE REPRENCE: 08940.0014-00304
CURRENT APPLICATION NUMBER: PCT/US3/26780
CURRENT FILING DATE: 2003-08-28
PRIOR APPLICATION NUMBER: 60/406,616
PRIOR PELING DATE: 2002-08-29
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Matches 47; Conservative
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ORGANISM: Homo sapiens
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### TITLE OF INVENTION: THERAPEUTICS, INC.

### TITLE OF INVENTION: THERAPEUTICS, INC.

### TITLE OF INVENTION: THERAPEUTICS

### TITLE OF INVENTION: THERAPEUTICS

### TITLE OF INVENTION: THERAPEUTICS

### CURRENT PLICATION NUMBER: DCT/US03/26780

### CURRENT PLICATION NUMBER: DCT/US03/26780

### CURRENT PLICATION NUMBER: 60/406,616

### PRIOR FILING DATE: 2002-08-29

### PRIOR FILING DATE
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Sequence 3573, Application PC/TUS0326780

Sequence 3573, Application PC/TUS0326780

GENERAL INFORMATION:
APPLICANT: FTVEPRIME THERAPEUTICS, INC.

TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE

TITLE DEFERENCE: 08940.0014-00304

CURRENT APPLICATION NUMBER: PCT/US03/26780

CURRENT FILING DATE: 2003-08-28
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Pred. No. 0.085;
1; Mismatches 63;
    1; Mismatches
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1 Similarity 42.3%;
47; Conservative
47; Conservative
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PCT-US03-26780-3572
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PRIOR APPLICATION NUMBER: 60/406,655
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Best Local Similarity
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Sequence 3411, Application PC/TUS0326780
GENERAL INFORMATION:
TITLE OF INVENTION: THEIR USE
TITLE OF INVENTION: THEIR USE
TITLE OF INVENTION: THEIR USE
FILE REFERENCE: 08940,0014-00304
CURRENT PILLION NUMBER: PCT/US03/26780
CURRENT PILLION DIMBER: 60/406,616
PRIOR APPLICATION NUMBER: 60/406,616
PRIOR PLING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,579
PRIOR APPLICATION NUMBER: 60/406,579
PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                       6 GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAAKAAA 65
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GENERAL INFORMATION:
FAPPLICANT: Diversa Corporation
TITLE OF INVENTION: METHODS FOR MAKING AND USING THEM
TITLE OF INVENTION: METHODS FOR MAKING AND USING THEM
FILE REPERRICE: 09010-290W01
CURRENT APPLICATION NUMBER: PCT/US03/19153
CURRENT FILING DATE: 2003-06-16
PRIOR APPLICATION NUMBER: US 60/389,299
FRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 378
SOFTWARE: FactSQ for Windows Version 4.0
SEQ ID NOS: 284
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                                                                                                                                                                                  Query Match 32.0%; Score 191; DB 1; Length 906; Best Local Similarity 42.3%; Pred. No. 0.15; Matches 47; Conservative 1; Mismatches 63; Indels
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                       SOFTWARE: PatentIn version 3.2
SEQ ID NO 3571
LENGTH: 906
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NUMBER OF SEQ ID NOS: 3700
                                                                                                               ; ORGANISM: Homo sapiens
PCT-US03-26780-3571
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PCT-US03-19153-284
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Best Local Similarity
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ORGANISM: Unknown
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                                                                                            TYPE: PRT
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TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE FILE REFERENCE: 08940.0014-00304 CURRENT APPLICATION NUMBER: PCT/US03/26780 CURRENT APPLICATION NUMBER: PCT/US03/26780
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PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PLILING DATE: 2002-08-29

PRIOR PLILING DATE: 2002-08-29

PRIOR PLILING DATE: 2002-08-29

PRIOR PAPLICATION NUMBER: 60/406,540

PRIOR PAPLICATION NUMBER: 60/406,576

PRIOR PAPLICATION NUMBER: 60/406,576

PRIOR PAPLICATION NUMBER: 60/406,666

PRIOR PAPLICATION NUMBER: 60/406,666

PRIOR FILING DATE: 2002-08-29

PRIOR PRIOR DATE: 2002-08-29

PRIOR PRIOR DATE: 2002-08-29

PRIOR PRIOR PAPLICATION NUMBER: 60/406,666

PRIOR FILING DATE: 2002-08-29

SOFTWARE: PATENTING DAT
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; Pred. No. 2.2;
0; Mismatches
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PRICE FILING DATE: 2002-08-29
PRICE APPLICATION NUMBER: 60/406,579
PRICE FILING DATE: 2002-08-29
PRICE FILING DATE: 2002-08-29
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PRICE FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,646
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,666
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PRIOR APPLICATION NUMBER: 60/406,653
PRIOR FILING DATE: 2002-08-29
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TITLE OF INVENTION: HUMAN POLYEPPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE
FILE REPERENCE: 08944.0014.00304
CURRENT APPLICATION NUMBER: PC7/US3/26780
CURRENT PAPLICATION NUMBER: PC7/US3/26780
CURRENT PLICATION NUMBER: PC7/US3/26780
PRIOR FILING DATE: 2003-08-29
PRIOR PLICATION NUMBER: 60/406,540
PRIOR PLICATION NUMBER: 60/406,564
PRIOR PLICATION NUMBER: 60/406,566
PRIOR FILING DATE: 2003-08-29
PRIOR PLICATION NUMBER: 60/406,566
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PRIOR PLING DATE: 2003-08-29
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40.5%; Pred. No. 2.6;
tive 1; Mismatches 61; Indels
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                                         SOFTWARE: Patentin version 3.2
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NUMBER OF SEQ ID NOS: 3700
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; ORGANISM: Homo sapiens
PCT-US03-26780-3010
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; ORGANISM: Homo sapiens
PCT-US03-26780-3009
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                                                                              SEQ ID NO 3010
LENGIH: 762
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Search completed: October 10, 2003, 19:00:36 Job time : 3.82857 secs

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1 FPGFGVGVGGIPGVAGVPGV......GVAPGVGVAPGYGVAPAIGP 118
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Sequence 40,
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Sequence 33,
Sequence 5,
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Sequence 10, Application US/09340736E

Sequence 10, Application US/09340736E

GENERAL INFORMATION:

APPLICANT: REFLEY, FRED

APPLICANT: REFLEY, FRED

APPLICANT: REFLEY, FRED

APPLICANT: ROTHSTEIN, STELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN

TITLE OF INVENTION: SELF-ALIGNING PROTEINS

TITLE OF INVENTION: BAID CHER FIBROUS PROTEINS

FILE REFERENCE: 041082/0110

CURRENT APPLICATION NUMBER: 08/911,364

PRIOR FILING DATE: 1997-08-07

PRIOR FILING DATE: 1997-08-07

PRIOR FILING DATE: 1997-08-07

NUMBER OF SEQ ID NOS: 11

SEQ ID NO 10

LENGTH-H. 118
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APPLICANT: ROTHSTEIN, ASER
APPLICANT: REELEY, FRED
APPLICANT: ROTHSTEIN, SIEVEN
ITILE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
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APPLICANT: ROTHSTEIN, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
APPLICANT: ROTHSTEIN, Steven J.
AITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: EASTIN AND OTHER FIBROUS PROTEINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: 3000 K Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 603; DB 4; Length 200; Best Local Similarity 100.0%; Pred. No. 5.6e-49; Matches 118; Conservative 0; Mismatches 0; Indels
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APPLICATION NUMBER: US/08/911,364
FLING DARE: 07-Aug-1997
CLASSIFICATION: 530
     AND OTHER FIBROUS PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PROOF APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: US -07-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTATION UNDER: 29,768
REFERENCE/DOCKET WUMBER: 041082/0104
TELECOMMUNICATION INFORMATION:
                       FILE REFERENCE: 041082/0110
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
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CONTRY: U.S.A.
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                 PRIOR APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1997-08-07
PRIOR APPLICATION NUMBER: 60/023,552
PRIOR FILING DATE: 1996-08-07
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                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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TELEFAX: (202) 672-5399
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LENGTH: 201 amino acids
TYPE: amino acid
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 200
TITLE OF INVENTION:
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378 FPGFGVGVGGIPGVACVPGVGGVPGVGGVPGVGTSPEAQAAAAKAAKYGVGTPAAAAAK 437
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APPLICANT: REBLEY, FRED
APPLICANT: RELEAY, FRED
APPLICANT: RELEAY, FRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT APPLICATION NUMBER: 08/911,364
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR APPLICATION NUMBER: 06/023,552
PRIOR APPLICATION NUMBER: 60/023,552
PRIOR FILING DATE: 1996-08-07
SPRIOR FILING DATE: 1996-08-07
NUMBER OF SEQ ID NOS: 11
SOFTHARE: PATENTIN VET: 2.1
SEQ ID NO 1
LENGTH: 731
                                                                                                                                                                     Gaps
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APPLICANT: KEELEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0110
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                                                                                                                Length 201;
                                                                                                                                                                     Indels
                                                                                                           100.0%; Score 603; DB 2;
100.0%; Pred. No. 5.7e-49;
iive 0; Mismatches 0;
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CURRENT FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1997-08-07
PRIOR APPLICATION NUMBER: 60/023,552
PRIOR FILING DATE: 1996-08-07
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GENERAL INFORMATION:
                                                                                                        Query Match
Best Local Similarity 100.0
Matches 118; Conservative
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Matches 118; Conservative
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  linear
TOPOLOGY: lir
MOLECULE TYPE:
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                                                       US-08-911-364-2
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SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND OTHER FIBROUS PROTEINS
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
FILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REFERENCE/DOCKET NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 041082/0104
TELECOMMUNICATION INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                              : 3000 K Street, N.W. Washington
                                                                                              FOLEY & LARDNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (202) 672-5300
TELEPRAX: (202) 672-5399
INFORMATION FOR SEO ID 0: 1:
SEQUENCE CHARACTERISTICS:
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98.3%;
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Matches 116; Conservative
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                                                 NUMBER OF SEQUENCES: 8
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      TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                           TRY: U.S.A.
20007-5109
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                                                                                                                                                                                COUNTRY:
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APPLICANT: ROTHSTEIN, ASER
APPLICANT: REELEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0103
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT PELING DATE: 1999-06-29
PRIOR PILING DATE: 1999-08-07
PRIOR FILING DATE: 1999-08-07
PRIOR PILING DATE: 1996-08-07
PRIOR FILING DATE: 1996-08-07
NUMBER: OF SEQ ID NOS: 11
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US-09-340-736E-11
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100.0%; Pred. No. 1.2e-48;
Live 0; Mismatches 0;
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Pred. No. 2e-48;
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US-09-340-736E-11
Sequence 11, Application US/09340736E
Patent No. 6489446
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Patent No. 5969106
GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, Aser
APPLICANT: KEELY, Fred W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KEELY, Fred W.
ROTHSTEIN, Steven J.
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                                                                                                                ORGANISM: Artificial Sequence
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SEQ ID NO 11
LENGTH: 199
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
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Matches 117; Conservative
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                                                 SEQ ID NO 9
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                                                                                              TYPE: PRT
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378 FPGFGVGVGGIPGVAGVPSVGGVPGVGGVPGVGISPEAQAAAAAAAKAAKYGVGTPAAAAK 437
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,364
FILING DATE: 07-AUG-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Spring House Corporate Cutr, PO Box 457
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Pred. No. 1.8e-47;
0; Mismatches 2.
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APPLICANT: WEISS, ANTHONY S
TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES
CORRESPONDENCE ADDRESS: 54
CORRESPONDENCE ADDRESS:
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202-624-1589
                                                                                                          TYPE: amino acid
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      TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Morris, Colleen A.
TITLE OF INVENTION: Milliams Syndrome and
TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAAK 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  98.3%; Score 593; DB 3; Length 733; 98.3%; Pred. No. 1.8e-47; ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 701 East
STREET: Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/678,039A
                                                                                               FILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL9661
FILING DATE: 3-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/AU93/00655
ATTILING DATE: 16-DEC-1993
ATTORNEY/ACENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBERS: 31,215
PREGISTRATION NUMBERS: 31,215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 2323-120A
APPLICATION NUMBER: US/08/464,700
                                                                                                                                                                                                                                                                                                           GHC3USA
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                                                                                AU PL6520
                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: GHOTELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEPAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 10-JUL-1996
CLASSIFICATION: 435
                   7-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                733 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best_Local Similarity 98.3 Matches 116; Conservative
                                                           PRIOR APPLICATION DATA: APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: Tower
CITY: Washington
STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U. ZIP: 20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-678-039A-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-464-700-2
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Sequence 38 Application US/09841334A

| Sequence 38 Application US/09841334A
| Patent NO. 6538B9
| GENERAL INFORMATION:
| APPLICANT: UTTY, Dan
| APPLICANT: Parker, Timothy
| APPLICANT: Parker, Paul
| TITLE OF INVENITON: Injectable Implants For Tissue Augmentation and Restoration
| TITLE OF INVENITON: Injectable Implants For Tissue Augmentation and Restoration
| TITLE OF INVENITON UNMER: US/09/841,334A
| CURRENT APPLICATION NUMBER: US 60/0841,334A
| CURRENT FILING DATE: 1999-02-26
| PRIOR PILING DATE: 1998-02-26
| PRIOR APPLICATION NUMBER: US 60/087155
| PRIOR APLICATION NUMBER: US 60/076297
| NUMBER OF SEQ ID NOS: 65
| SEQ ID NO 38
| LENGTH: 145
| LENGTH: 145
| LENGTH: 145
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                                                                                                                                                                                                                                                                                                                            -----GVGTPAAAAKAAAKAAQF-----GLVPGVGVAPGVGVAPG 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 PGFGV-GVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAKAAK
                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                             35;
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                                                                                                                                                                           Length 792;
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                                                                                                                                                                     Score 555.5; DB 2;
Pred. No. 5.9e-44;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 336; DB 4;
Pred. No. 1.1e-23;
5; Mismatches 17
                                                                                                                                                                                                                                                                                                                                                                                                                              524 VGVAPGVGLAPGVGVAPGVGVAPGUGP 556
                                                                                                                                                                                                                                                                                                                                                                                                    86 VGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 118
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 792 amino acids
                                                                                                                                                                         92.1%;
75.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            55.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COATION: (1)..(745)
COTHER INFORMATION: Synthetic US-09-841-334A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 75.8
Matches 116; Conservative
                                                                                             ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-678-039A-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     241 GVGVAPGVG 249
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131 PGVGVGPGVGVGPGVGVGPGVGVGPGVGVGPGAGAGSGAGAGSGAGAGSGAGAG 190
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ----FGLVPGVGVAPGVGVAPGVGVAP 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 1169;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/08212237
Patent No. 5606019
GRNEAL INFORMATION:
GRNEAL INFORMATION:
TITLE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREEF: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 PGFGV--GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Ploppy disk
OCMPOTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
APPLICATION NUMBER: US/08/212,237
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNGER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENY INFORMATION:
NAME: Trecartin, Richard F.
RESISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: 31,801
RESERROCAPION NUMBER: 31,801
RESERROCAPION NUMBER: 31,801
RELECOMMUNICATION NUMBER: 32,801
TELEPHONE: (415) 781-1989
TELEPRONE: (415) 381-389
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 1169 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 280.5; DB 4
Pred. No. 2.5e-18;
6; Mismatches 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   44 AKAAKYGVGTPAAAAAKAAAKAAQ------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              91 GVGLAPGVGVAPGVGVAPAIG 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      311 GVGVGPGVGVGPGVGVGPGVGVGPGVGVGPGAG 337
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TELECOMUNICATION INFORMATION:
TELEPHONE: 415-7381-1989
TELEFAX: 415-738-3249
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20,015
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 46.5 Best Local Similarity 34.8 Matches 72; Conservative
                                                                                                                                                                                                                                                                                                                                                                    unknown
                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein US-08-806-029-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ----- 77
                                                                                                                                                                                                                                                                                                                                                                                        unknown
                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid STRANDEDNESS: un
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COUNTRY: U.S.A.
ZIP: 94111-4187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 13
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                 Sequence 14, Application US/09841334A

Sequence 14, Application US/09841334A

Patent No. 6533819

GENERAL INFORMATION:

APPLICANT: Urry Dan

APPLICANT: Parker, Timothy

APPLICANT: Parker, Pain Chy

APPLICANT: Parker, Pain Chy

TILE REFERENCE: BERL-020/0505

CURRENT APPLICATION NUMBER: US/09/841,334A

CURRENT APPLICATION NUMBER: US/09/258,723

PRIOR APPLICATION NUMBER: US/09/258,723

PRIOR PLING DATE: 1998-02-26

PRIOR PLING DATE: 1998-05-29

PRIOR PLING DATE: 1998-05-29

PRIOR PLING DATE: 1998-05-27

NUMBER OF SEQ ID NOS: 65

SECONTARENT PLING DATE: 1998-05-27

SOFTWARE NEW SEQ ID NOS: 65

SOFTWARE NEW SEQ ID NOS: 65

SOFTWARE NEW SEQ ID NOS: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     54 PAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 PGFGVGVGGIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAKAAKYGVGT 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ----GVGV 49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 333.5; DB 4; Length :
Pred. No. 3.6e-24;
5; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STRTE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 33, Application US/08806029
Patent No. 6380154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         55.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LOCATION: (1)...(148)
; OTHER INFORMATION: Synthetic
US-09-841-334A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: United States ZIP: 94111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 59.7
Matches 74; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             114 PAIG 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: PEPTIDE
                                                        US-09-841-334A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-806-029-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
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                                                                                                                                                                                12;
                                                                                                                                                                                                                                                                                                           51 VGTPAAAAKA----AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVG 105
                                                                                                                                                                                                                  3 GFGVGVGGIPGV----AGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKAAKKG 50
                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 255.5; DB 4; Length 988;
Pred. No. 4.3e-16;
5; Mismatches 28; Indels 25;
                                                                                                                                          42.4%; Score 255.5; DB 1; Length 988; 56.1%; Pred. No. 4.3e-16; tive 5; Mismatches 28; Indels 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stadfonsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS: 18 Flehr, Hohbach, Test, Albritton & Herbert APBERS: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION UNKBER: US/08/806,029 CLASSIFICATION: 514 FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MIK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-ARR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94111
COMPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 28, Application US/08806029 Patent No. 6380154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPRONE: (415) 781-1989
TELERAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 28:
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ilarity 56.1%;
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amino acid
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SEQUENCE CHARACTERISTICS:
                                                 STRANDEDERS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-212-237-5
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STATE: California
COUNTRY: United Stat
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US-08-806-029-28
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3 GFGVGVGGIPGV----AGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKAG
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Pred. No. 4.3e-16;
5; Mismatches 28; Indels
                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application PC/TUS9502772
GENERAL INFORMATION:
APPLICANT: Protein Polymer Technologies, Inc.
TITLE OF INVENTION: Synthetic Proteins As Implantables
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIF: 94111-14187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRP PC COMPATIBLE
COMPUTER: IRP PC COMPATIBLE
COMPUTER: PR PC COOS/KS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
ATTORNEY/AGRAT INFORMATION:
NAME: ROWLING, Bertram I
REGISTRATION NUMBER: 20,015
REFERRENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFRX: 415-398-3249
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US95/02772
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Best Local Similarity 56.1%;
Matches 74; Conservative
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CORRESPONDENCE ADDRESS
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PCT-US95-02772-5
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Sequence 37, Appl Sequence 15, Appl Sequence 34, Appl Sequence 34, Appl

Sequence 13, Appl Sequence 13, Appl Sequence 37, Appl

Sequence 7, Appli Sequence 53, Appl Sequence 40, Appl Sequence 40, Appl Sequence 62, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 39, Appl Sequence 39, Appl Sequence 39, Appl Sequence 58, Appl Sequence 58, Appl Sequence 58, Appl Sequence 25, Appl Sequence 25, Appl Sequence 35, Appl Sequence 36, Appl Sequence 58, Appl Sequence 58, Appl Sequence 58, Appl Sequence 58, Appl Sequence 57, Appl

Sequence

ALIGNMENTS

protein

Run on:

Sequence:

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RESULT 1
US-094-664-662-10
US-09-564-662-10
Sequence 10, Application US/09964662
Publication No. US2003016684641
FURBEAL INFORMATION:
APPLICANT: PROTEIN SPECIALITES LTD.
APPLICANT: PROTEIN SPECIALITES LTD.
TILLE OF INVENTION: OTHER FIBROUS PROTEINS MODELED ON HUMAN ELASTIN AND TILLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REPERENCE: 041082/0112
CURRENT PELLING DATE: 1090-06-09
FRIOR APPLICATION NUMBER: 09/340,736
FRIOR PILING DATE: 1999-06-29
NUMBER: 05 ESQ ID NOS: 11
SSPINARE: Patentin Ver. 2.1
SSPINNE: PATENTIN VER. 2.1
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                                                          5 US-09 841-321A-37

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1 US-09 841-321A-60

1 US-09 841-321A-40

2 US-10-356-086-77

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US-09-841-321A-36
US-09-837-969A-57
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Best Local Similarity 100.0
Matches 118; Conservative
  ORGANISM: Homo sapiens
US-09-964-662-10
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TYPE: PRT
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Sequence 2, Appli
Sequence 9, Appli
Sequence 11, Appl
Sequence 11, Appl
Sequence 18, Appl
Sequence 14, Appl
Sequence 24, Appl
Sequence 25, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 26, Appl
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2135.343 Million cell updates/sec
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1 FPGFGVGVGGIPGVAGVPGV......GVAPGVGVAPGVGVAPAIGP 118
                                                                                                                                                 October 10, 2003, 18:41:34; Search time 8.90403 Seconds
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/cgn2_6/ptodata/2/pubpaa/US10_NBW_PUB.pep:*
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                      GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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0 US-09-981-986-81
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Minimum DB : Maximum DB :

Searched:

Database :

Gaps

; Sequence 2, Application US/09964662

Result М М Length 118;

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Publication No. US20030166846A1
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ORGANISM: Homo sapiens
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US-09-964-662-11
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             GENERAL INFORMATION:
APPLICANT: PROTEIN SPECTALITES LID.
APPLICANT: PROTEIN SPECTALITES LID.
APPLICANT: HOWERN SPECTALITES LID.
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REPERBAGE: 041082/0412
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT PILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR APPLICATION NUMBER: 09/340,736
NUMBER OF SEQ ID NOS: 11
SOFTWARE PARCENT VER. 2.1
SEQ ID NO 2
LENGTH: 200
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Publication No. US20030166846a1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITIES LID.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTHERSHIP
TITLE OF INVENTION: OTHER FIRMOUS PROTEINS
TITLE OF INVENTION: OTHER FIRMOUS PROTEINS
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT APPLICATION NUMBER: 2003-05-08
FRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
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100.0%; Pred. No. 2.4e-41;
tive 0; Mismatches 0;
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  Publication No. US20030166846Al
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Matches 118; Conservative
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US-09-964-662-1
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Best Local Similarity
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US-09-964-662-9
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Publication No. US20330166846A1
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITES LID.
APPLICANT: HSC RESERRCH AND DEVELORMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELFS-ALIGHING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIEROUS PROTEINS
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GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITES LID.
APPLICANT: PROTEIN SPECIALITES LID.
TITLE OF INVENTION: SELF-ALIGNING PEFTIDES MODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REPERBNCE: O41082/0118
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT APPLICATION NUMBER: 05-08
PRIOR PPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
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CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
FRICH APPLICATION NUMBER: 09/340,736
FRICH FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
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; Publication No. US20030077589A1
; GENERAL INFORMATION:
APPLICANT: HE-STUMPP, HOLGER
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100.0%; Pre-
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SOFTWARE: Patentin Ver. 3
SEQ ID NO 9
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APPLICANT: UTTY, Dan
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REFERENCE: BERL-020/04408
FILE REFERENCE: BERL-020/04408
CURRENT APPLICATION NUMBER: US/09/841,321A
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: US 60/087155
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-27
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin version 3.0
SEQ ID NO 38
LENGTH: 745
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APPLICANT: Urry, Dan
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
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Pred. No. 2e-19;
5; Mismatches 17; Indels 3
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CURRENT APPLICATION NUMBER: US/09/837,969A
CURRENT FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 09/258,723
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26
PRIOR PELICATION NUMBER: US 60/087155
PRIOR PELICATION NUMBER: US 60/076297
PRIOR APPLICATION NUMBER: US 60/076297
PRIOR FILING DATE: 1999-02-27
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; Sequence 38, Application US/0984j32lA
; Patent No. US20020116069A1
; GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
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Best Local Similarity 59.7%;
Matches 77; Conservative
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; OTHER INFORMATION: Synthetic
US-09-841-321A-38
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241 GVGVAPGVG 249
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US-09-837-969A-14
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LENGTH: 148
TYPE: PRT
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Patent No. US20020038150A1

GENERAL INFORMATION:

APPLICANT: Urry, Dan

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

FILE REFERENCE: BERL-020/03US

CURRENT FILING DATE: 2001-06-19

PRIOR PILING DATE: 1999-02-26

PRIOR PLICATION NUMBER: US 60/087155

PRIOR PLICATION NUMBER: US 60/087155

PRIOR FILING DATE: 1998-05-29

PRIOR FILING DATE: 1998-05-29

PRIOR FILING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin version 3.0
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inaendler, bernard

APPLICANT: KRAETZSCHARR, JOERN
APPLICANT: KREFT, BERTHOLT
APPLICANT: REGION, PEND
APPLICANT: REGION, PEND
APPLICANT: REGION
TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
FILLE REPRENCE: SCH-1789
CURRENT APPLICATION METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
FILLE REPRENCE: SCH-1789
CURRENT PILING DATE: 2001-09-25
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 8
IRBNITH: 730
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Pred. No. 6e-39;
0; Mismatches
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OTHER INFORMATION: Synthetic
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Best Local Similarity 59.,",
77; Conservative
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Best Local Similarity 93.5
Matches 116; Conservative
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CORGANISM: Homo sapiens
US-09-961-403-8
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FILING DATE: 22-No. US2003008441-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1997
FILING DATE: 30-OCT-1997
FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 245; DB 15;
Pred. No. 7.4e-12;
4; Mismatches 17;
                                                                                                                                                                                                                                                                                                                      ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar.2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION DATA:
APPLICATION NUMBER: US/09/444,791
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
MOLECULE TYPE: protein
;
SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-10-096-986-74
                 APPLICANT: Ferrari, Franco A.
Richardson, Charles
Chambers, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1465 amino acids
                                                                              Causey, Stuart
Pollock, Thomas J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                    CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 40.6%;
Best Local Similarity 55.0%;
Matches 72; Conservative 4
                                                                                                                                                                                             SEQUENCES: 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         107 APGVGVAPAIG 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: US
     GENERAL INFORMATION:
                                                                                                                                                                                             NUMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: UITY, Dan
IIILE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REPERENCE: BERL-020/04US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             54 PAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 113
                                                                                                                                                                                                                                  2 PGFGVGVGGIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAKAAKYGVGT 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 PGVGVPGVPGVPGV-GVPGVGVPGVPGVPGVPGVPGVPGVGVP------GVGV 49
                                                                                                                                                                                                           2 PGFGVGVGGIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAKXGVGT 53
                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                            Gaps
                                                                                                                                                                          35;
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                                                                                                                                   DB 9; Length 148;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 333.5; DB 10; Length
Pred. No. 6.5e-20;
5; Mismatches 10; Indels
                                                                                                                                                                          10; Indels
                                                                                                                             Score 333.5; DB 9
Pred. No. 6.5e-20;
5; Mismatches 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/841,321A
CURRENT FILING DATE: 2001-44-30
PRIOR APPLICATION NUMBER: US 09/258,723
PRIOR PLIENG DATE: 1999-02-26
PRIOR PLIENG DATE: 1998-02-29
PRIOR PLIENG DATE: 1998-02-29
PRIOR PLIENG DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PAtentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 14, Application US/09841321A Patent No. US20020116069A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 74, Application US/10096986
Publication No. US20030083464A1
                                                                                                                                 59.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 55.3%;
Best Local Similarity 59.7%;
Matches 74; Conservative
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                        ; LOCATION: (1)...(148)
; OTHER INFORMATION: Synthetic
US-09-837-969A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , LUCATION: (1)...(148); OTHER INFORMATION: Synthetic US-09-841-321A-14
                                                                                                                                                                      74; Conservative
                                                                                                                               Query Match
Best Local Similarity
Matches 74; Conserv
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                                         NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-841-321A-14
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Cappello, Joseph Crissman, John W. TITLE OF INVENTION: No. 1250330083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNR Sequences Encoding the Sal 2 PGFGVGVG-----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKA 46 38; CORRESPONDENCE ADDRESS: ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP STREET: Four Embarcadero Center, Suite 3400 Length 1465; 17; Indels Version #1.30

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Causey, Stuart
Causey, Stuart
Pollock, Thomas J.
Cappello, Joseph
Crissman, John W.
TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive
Units of Amino Acids and DNA Sequences Encoding the Sa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38.9%; Score 234.5; DB 15; Length 2055; 46.7%; Pred. No. 7.1e-11; Live 6; Mismatches 22; Indels 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hobbach Test Albritton & Herbert LLP STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 GFGVGVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQA-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPREATING SYSTEM: PC-DOS/MS-DOS
OPREATING SYSTEM: Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA.

APPLICATION NUMBER: US/09/444,791

FILING DATE: 22-NO. US20030083464A1-1999

APPLICATION NUMBER: US 08/482,085

FILING DATE: 07-UJN-1995

APPLICATION NUMBER: US 08/175,155

FILING DATE: 29-DEC-1993

APPLICATION NUMBER: US 08/175,155

FILING DATE: 22-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-0CT-1987
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 81:
                                                                                                                     94 LAPGVGVAPGVGVAPGVGVAPAIG 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 2055 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-398-3249 INFORMATION FOR SEQ ID NO: 81:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 46./°,
'.hoa 78; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
ULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-096-986-81
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    δĭ
                                                                                                                                                                                                       Pollock, Thomas J.
Cappello, Joseph
Crissman, John W.
TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive
Units of Amino Acids and DNA Sequences Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ------AKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVG 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 GFGVGVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKA----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 2257;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/444,791
FILING DATE: 22-No. US20030083464A1-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-UTN-1995
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1967
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 237; DB 15;
Pred. No. 4.9e-11;
6; Mismatches 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 82;
                                             Sequence 82, Application US/10096986
Publication No. US20030083464A1
GENERAL INFORMATION:
APPLICANT: Ferrari, Franco A.
Richardson, Charles
Chambers, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGIH: 2257 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 82:
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                                                                                                                                                                                    Causey, Stuart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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52.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
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Best Local Similarity 52.8
Matches 76; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   roporogy: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-096-986-82
    RESULT 12
US-10-096-986-82
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RESULT 15
US-10-117-931-25
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104 GAGSGAGAGSGAGAGSGAAGSGAAGYGAGAGSGAGAGSGAGAGSGAGAGSGAG 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   --- 70
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                                                                                                                                                                                                                                                                                                                                                                             & HERBERT
                                                                                                    Length 378;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COmpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Tissue Adhesive Using Synthetic
                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS.
ADDRESSEE: FEHR, HOHBACH, TEST, ALBRITTON
STREET: FOUR Embarcadero Center, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 234; DB 15;
Pred. No. 1.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: A61127-1/BIR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/10/117,931
FILING DATE: 05-Apr-2002
CLASSIFICATION: <0nknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA: APPLICATION NUMBER: US/08/642,246
                                  42 AAAKAAKYGVGTPAAAAAAAAAAAAQFGL---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: LINear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-10-117-931-26
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                                                                                                                                                                                                                                                                                                                            Crosslinking
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 20015
                                                                                                                                                                                                                      Sequence 26, Application US/10117931
Publication No. US2003104589A1
GENERAL INFORMATION:
APPLICANT: STEDRONSKY, Erwin R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: <Unknown>
ATTORNEY/AGENI INFORMATION:
NAME: ROWLAND, Bertram I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGIH: 378 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
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Best Local Similarity 49.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94111
COMPUTER READABLE FORM:
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                                                                                                                                                                                      RESULT 14
US-10-117-931-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50;
                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: Four Embarcadero Center, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 234; DB 15; Length 1002;
Pred. No. 3.9e-11;
5; Mismatches 17; Indels 50
                                                                                             CAPPELLO, Joseph
TITLE OF INVENTION: Tissue Adhesive Using Synthetic
Crosslinking
                                                                                                                                                                                                                                                                                                                                                                                                                                         Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: A61127-1/BIR
                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING STSTEM: PC-DOS/MS-DOS
SOGTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/117,931
FILING DATE: 05-Apr-2002
CLASSIETCATION CURKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/642,246
FILING DATE: CURKNOWD>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 25: US-10-117-931-25
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                                                                                                                                                                                                                                                                                              COUPTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               107 ----- APGVGVAPAIG 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: ROWLAND, Bertram I REGISTRATION NUMBER: 20015
                                                                     APPLICANT: STEDRONSKY, Erwin R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-396-3249
INFORMATION FOR SEC ID NO: 25:
SEQUENCE CHARACTERISTICS:
Sequence 25, Application US/10117931 Publication No. US20030104589A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1002 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    38.8%;
                                                                                                                                                                                                                                                            San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 38.8%
Best Local Similarity 49.7%
Matches 71; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                 NUMBER OF SEQUENCES:
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Scoring table:

Searched:

Database

Perfect score: Seguence:

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Sequence 10290, A Sequence 10290, A Sequence 10289, A Sequence 10289, A Sequence 10289, A Sequence 1, Appl Sequence 7, Appl Sequence 7, Appli Sequence 6, Appli
                                                                                                                                                                                                                                                                                            sequence 4, Appli
sequence 2, Appli
sequence 217, Appl
Sequence 217, Appl
Sequence 317, Appl
Sequence 3, Appli
Sequence 40, Appl
Sequence 212, Appl
Sequence 212, Appl
Sequence 212, Appl
Sequence 38, Appl
Sequence 14, Appl
Sequence 15, Appl
Sequence 14, Appl
Sequence 15, Appl
Sequence 2524, Appl
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Sequence 74, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/09964662
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITES LID.
APPLICANT: HGC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PREPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT APPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
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Sequence 38,
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5 US-09-964-662-2

5 US-09-964-662-1

1 US-09-964-662-1

2 US-60-453-135-10290

2 US-60-453-135-10289

2 US-60-453-135-10289

3 US-60-453-135-10289

3 US-09-964-662-9

4 US-09-743-818-7

1 US-09-743-818-7

1 US-09-743-818-6

8 US-09-743-818-6

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8 US-09-743-818-7

1 US-09-10-12-8

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1 US-09-10-13-8

1 US-09-11-13-8

1 US-09-11-13-8

1 US-09-11-13-8

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4 US-09-841-321A-14

8 US-09-841-321A-14

8 US-09-841-321A-14

8 US-09-841-321A-14

8 US-09-841-321A-14
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illarity 100.0%; Pred. No. 6.9e-44;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-482-085-74
US-10-096-986-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-477-509-74
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 118
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 118; Conserv
 US-09-964-662-10
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 490.5
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434.5
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336
333.5
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245
                                                                                                       Sequence 10, Appl
                                                                                                                     ; Search time 86.274 Seconds (without alignments)
1244.528 Million cell updates/sec
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                                                                                                                                                                                                                         1 FPGFGVGGGIPGVAGVPGV......GVAPGVGVAPGVGVAPAIGP 118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1: /cgn2_6/ptodata/1/paa/USO6_COMB.ppp:*

3: /cgn2_6/ptodata/1/paa/USO6_COMB.ppp:*

4: /cgn2_6/ptodata/1/paa/USO8_COMB.ppp:*

4: /cgn2_6/ptodata/1/paa/USO8_COMB.ppp:*

4: /cgn2_6/ptodata/1/paa/USO8_COMB.ppp:*

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/cgn2_6/ptodata/1/paa/US104_COMB.pep:*
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                   GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                              5728757 segs, 909918778 residues
                                                                                                                       October 10, 2003, 18:38:08;
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Maximum Match 100%
Listing first 45 summaries
                                                                                       OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pending_Patents_AA_Main:*
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Maximum DB seq length: 200000000
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Match Length DB
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99.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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Best Local Similarity
Matches 117; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Homo s
US-60-453-050-10290
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US-60-453-135-10290
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                                                                                                                                                                                                             | Sequence 2, Application US/09964662
| GENERAL INFORMATION:
| APPLICANT: PROTEIN SPECIALIES LTD.
| APPLICANT: HGC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
| TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
| TITLE OF INVENTION: OTHER FIBROUS PROTEINS
| FILE REPERENCE: 041082/0112
| CURRENT PELLING ADTE: 2003-05-08
| PRIOR APPLICATION NUMBER: 09/340,736
| PRIOR APPLICATION NUMBER: 09/340,736
| NUMBER OF SEQ ID NOS: 11
| SOFTWARE: PATENTION OF SEQ ID NOS: 21
| SOFTWARE: PATENTION OF SEQ ID NOS: 21
                    1 FPGFGVGVGGIPGVAGVPGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAAK 60
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FPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAAK 60
                                                                                                  61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 118
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GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITES LTD.
APPLICANT: PROTEIN SPECIALITES LTD.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OFHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT APPLICATION NUMBER: US/09/964,662
PRIOR APPLICATION NUMBER: US/09/964,662
PRIOR APPLICATION NUMBER: US/09/964,662
NUMBER OF SEQ ID NOS: 11
SUSTWARE: Patentin Ver. 2.1
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Pred. No. 5.1e-43;
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Best Local Similarity 100.0
Matches 118; Conservative
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Matches 118; Conservative
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LENGIH: 731
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US-09-964-662-2
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US-09-964-662-2
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US-09-964-662-1
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APPLICANT: TAKOBOOVA, OLGS
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CL001456
CURRENT APPLICATION NUMBER: US/60/453,135
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10290
LENGTH: 702
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                                                                                                        Sequence 10290, Application US/60453050
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: CARGIL, Michele
APPLICANT: LOKEL, Michele
APPLICANT: LOKE, MAY
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001457
CURRENT APPLICATION MUDBER: US/60/453,050
CURRENT PILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 10290
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Pred. No. 1.1e-42;
0; Mismatches 1;
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Sequence 10289, Application US/60466412
GENERAL INFORMATION:
APPLICANT: CARGILL, Michel
APPLICANT: IAKOUBOYA, Olga
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREC
FILE REFERENCE: C1001466
CURRENT FILIAGO DATE: 2003-04-30
UNRENT FILIAGO DATE: 2003-04-30
NUMBER OF SEQ ID NOS: 429241
SOFTWARE: PASEUSO for Windows Version 4.0
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Sequence 9, Application US/09964662

Sequence 9, Application US/09964662

GENERAL INFORMATION:

APPLICANT: PROTEIN SPECIALFIES LYD.

APPLICANT: PROTEIN SPECIALFIES LYD.

TITLE OF INVENTION: SELF-ALIGNING PEPTIDES WODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS

FILE REFERENCE: 041082/0119

CURRENT FILING DATE: 2003-05-08
                                                                                                                                                                                                             Score 599; DB 32; Length 757; Pred. No. 1.2e-42; 0; Mismatches 1; Indels (
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Pred. No. 1.2e-42;
0; Mismatches 1; Indels (
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE FastSEQ for Windows Version 4.0
SEQ ID NO 10289
LENGTH: 757
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PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PATENTIN VEY: 2.1
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99.2%;
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Best Local Similarity 99.2
Matches 117; Conservative
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Matches 117; Conservative
                                                                                                                                              ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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LENGTH: 757
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LENGIH: 117
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                   Sequence 10290, Application US/60466412
GENERAL INFORMATION:
GENERAL INFORMATION:
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INCOMEDIATION:
GENERAL OF INVENTION:
GENERAL OF INVENTION:
GENERAL SERVICED WITH
TILLE OF INVENTION:
GENERAL SOURCE INFORMATION:
GURRENT APPLICATION NUMBER: US/60/466,412
GURRENT FILE REFERENCE:
CURRENT FILE APPLICATION NUMBER: US/60/466,412
GURRENT FILE OF TOWN FOR THE APPLICATION NUMBER:
SOURTHARE: FASTERO FOR WINDOWS VERSION 4.0
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TITLE OF INVENTION: MYCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001456
CURRENT APPLICATION NUMBER: US/60/453,135
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CLOO1457
FILE APPLICATION NUMBER: US/60/453,050
CURRENT APPLICATION NUMBER: US/60/453,050
CURRENT PILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FREISEQ for Windows Version 4.0
SEQ ID NO 10289
LENGTH: 757
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GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
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APPLICANT: CARGILL, Michele
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Matches 117; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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US-60-453-050-10289
US-60-466-412-10290
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PO8117
FILING DATE: 18-JUL-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: GUMLEY, THOWAS P
REFERENCE/DOCKET NUMBER: 04
TELECOMMUNICATION INFORMATION:
TELEPHONE: 61 2 9957 6288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSES: GRIFFITH HACK
STREET: 168 WALKER STREET
CITY: NORTH SYDNEY
STATE: NEW SOUTH WALES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                           ; Sequence 7, Application US/09743818; GENERAL INFORMATION:
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US-09-463-091-5
Sequence 5, Application US/09463091
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          98.3%; ;
milarity 98.3%; I
Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: AUSTRALIA
                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT; ORGANISM: Homo sapiens
US-09-743-818-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 2060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
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                                                                                                                    2 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKKGVGTPAAAAKA 61
                                                                                                                                           1 PGFGVGGGIPGVAGVPGVGGVFGVGGVFGVGISPBAQAAAAAKAAKYAGGTPAAAAAAKA 60
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                                                                                                                                                                                              62 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 118
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APPLICANT: PROTEIN SPECIALITIES LID.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTIONS SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
FILE REPERENCE: 041082/0112
CURRENT APPLICATION UNMERS: US/09/964,662
CURRENT PILING DATE: 2003-05-08
PRIOR PELING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
SOFWWARE: PATENTIN VOS: 11
SOFWWARE: PATENTIN VOS: 21
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                                       99.0%; Score 597; DB 25; Length 117; llarity 100.0%; Pred. No. 2.2e-43; Conservative 0; Mismatches 0; Indels
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Pred. No. 4e-43;
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                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/09964662 GENERAL INFORMATION:
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Best Local Similarity 100.0
Matches 117; Conservative
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Matches 116; Conservative
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US-09-743-818-71
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ORGANISM: Homo sapiens
                                                          Best Local Similarity
Matches 117; Conserv
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US-09-964-662-11
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US-09-743-818-71
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US-09-964-662-9
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61 AAAKAAQFGIVPGVGVAPGVGVAPGVGVAPGVGIAPGVGVAPGVGVAPGVGVAPAIGP 118
                       61 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGTGP 118
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/09/463,091
FILING DATE: 31-Mar-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UNIVERSITY, SYDNEY
TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 593; DB 21;
Pred. No. 2.8e-42;
0; Mismatches 2;
                                                                                                                                                                                              CURRENT PARLICANT: The University of Sydney TITLE OF INVENTION: Protease Susceptibility FILE REFERENCE: Weaks Protease: CURRENT PAPLICATION NUMBER: US/09/743,818 SOFTWARE: PALENT FILING DATE: 2001-01-15 SOFTWARE: Patentin Ver. 2.0 LENGTH: 571
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                                                                                                                                                                                                                                                                                                                                                                               Query Match 98.3%; Score 593; DB 18; Length 660; Best Local Similarity 98.3%; Pred. No. 3.3e-42; Matches 116; Conservative 0; Mismatches 2; Indels
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US-09-743-818-6
SQUENCE 6, Application US/09743818
GENERAL INFORMATION:
APPLICANT: The University of Sydney
TILLE OF INVENTION: Protease Susceptibility
TILLE REFERENCE: Weiss Protease
CURRENT APPLICATION NUMBER: US/09/743,818
CURRENT FILIARION NUMBER: US/09/743,818
SOFTWARE: PATENT DAYE: 201-01-15
SOFTWARE: PATENTIN Ver. 2.0
SSP ID NO 6
SEQ I
TYPE: amino acid
STRANDEDNESS: <URNown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-463-091-5
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ORGANISM: Homo sapiens
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Search completed: October 10, 2003, 18:59:56 Job time : 86.274 secs

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Sequence 3569, Applemence 3570, Applemence 3571, Applemence 3571, Applemence 3571, Applemence 3411, Applemence 3466, Applemence 3466, Applemence 3466, Applemence 3466, Applemence 3161, Applemen
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Sequence 1796, Ap
Sequence 38, Appl
Sequence 40, Appl
Sequence 15, Appl
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                                                                                                    October 10, 2003, 18:41:13 ; Search time 2.85275 Seconds (without alignments) 1227.665 Million cell updates/sec
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/cgn2_6/ptodata/2/paa/US06_NBW_COMB.pep:*
/cgn2_6/ptodata/2/paa/US07_NBW_COMB.pep:*
/cgn2_6/ptodata/2/paa/US08_NBW_COMB.pep:*
/cgn2_6/ptodata/2/paa/US09_NBW_COMB.pep:*
/cgn2_6/ptodata/2/paa/US09_NBW_COMB.pep:*
/cgn2_6/ptodata/2/paa/US10_NBW_COMB.pep:*
/cgn2_6/ptodata/2/paa/US10_NBW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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PCT - US03 - 26780 - 3573
PCT - US03 - 19153 - 284
PCT - US03 - 26780 - 3010
PCT - US03 - 26780 - 3009
PCT - US03 - 26780 - 3049
PCT - US03 - 26780 - 3646
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US-60-483-610-1796
PCT-US02-24483-38
PCT-US02-24483-40
US-09-807-742A-15
US-09-807-742A-1
PCT-US03-26780-3559
PCT-US03-26780-3570
PCT-US03-26780-3570
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PCT-US03-26780-3459
PCT-US03-26780-3578
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PCT-US03-26780-3427
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PCT-US03-26780-3160
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Maximum Match 100%
Listing first 45 summaries
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603
1 FPGFGVGVGGIPGVAGVPGV.
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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Maximum DB seq
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Perfect score:
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| Sequence 2047, Ap | | Sequence 59851, A | Sequence 40, Appl | Sequence 70766, A | Seguence 3263, Ap | Sequence 3167, Ap | 'n | , | Sequence 71121, A | Sequence 2492, Ap | Sequence 8, Appli | Sequence 2493, Ap | Sequence 38, Appl | Sequence 1578, Ap | Sequence 1002, Ap | Sequence 2411, Ap | Sequence 1525, Ap |
|--------------------|--------------------|----------------------|--------------------|----------------------|---------------------|---------------------|--------------------|--------------------|----------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| US-60-487-610-2047 | US-60-487-610-2046 | US-10-425-114A-59851 | PCT-US02-18638A-40 | US-10-425-114A-70766 | PCT-US03-26780-3263 | PCT-US03-26780-3167 | US-60-487-610-2746 | US-60-485-450-1757 | US-10-425-114A-71121 | US-60-487-610-2492 | US-10-372-683-8 | US-60-487-610-2493 | PCT-US02-18638A-38 | US-60-487-610-1578 | US-60-485-450-1002 | US-60-487-610-2411 | US-60-485-450-1525 |
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| 1268 | 1685 | 325 | 744 | 194 | 642 | 612 | 1604 | 1604 | 190 | 938 | 1669 | 1876 | 1366 | 1366 | 1366 | 1164 | 1164 |
| 23.2 | 23.2 | 23.1 | 23.1 | 22.2 | 22.1 | 21.8 | 21.7 | 21.7 | 21.6 | 21.6 | 21.6 | 21.1 | 21.0 | 21.0 | 21.0 | 20.8 | 20.8 |
| 140 | 140 | 139.5 | 139.5 | 134 | 133 | 131.5 | 131 | 131 | 130.5 | 130 | 130 | 127 | 126.5 | 126.5 | 126.5 | 125.5 | 125.5 |
| 27 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |

ALIGNMENTS

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RESULT 1
US-60-487-610-1797
Sequence 1797, Application US/60487610
GENERAL INPORMATION.
TOTAL CARGILL, Michele
APPLICANT: CARGILL, Michele
TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INPECTED SUBJECTS,
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: METHODS OF DETECTION AND USES THEREOF
CURRENT PELICATION UNMERS: US/60/487,610
CURRENT PILLING DATE: 2003-07-17
NUMBER OF SEQ ID NOS: 97101
SOUTHARD SESSER FASISED for Windows Version 4.0
SEQ ID NO 1797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 PPGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAKYGVGTPAAAAK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
                                                                                                                                                                                                                                                                                                                                                                                                                         Length 702;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    Score 599; DB 7;
Pred. No. 4.6e-17;
0; Mismatches 1.
                                                                                                                                                                                                                                                                                                                                                                                                                      99.3%;
ilarity 99.2%;
Conservative (
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US-60-487-610-1797
                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 117; Conser
                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
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Sequence 1796, Application US/60487610
GENERAL INFORMATION:
APPLICANT: CARGILL, Michole
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: WETHORS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01469
CURRENT APPLICATION NOBBER: US/60/487,610
CURRENT FILIARION NOBBER: 2003-07-17
NUMBER OF SEQ ID NOS: 97101
SOPTHARE: FasteEQ for Windows Version 4.0
SEQ ID NO 1796
LENGTH: 757 9 61 AAAKAAQFGIVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGP 118 RESULT 2 US-60-487-610-1796

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FILE REFERENCE: 21402-416A-061
CURRENT PALICATION NUMBER: PCT/US02/24483
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: PCT/US02/24483
CURRENT FILING DATE: 2002-08-02
PRIOR PILING DATE: 2001-09-02
PRIOR PILING DATE: 2001-09-21
PRIOR PILING DATE: 2001-09-03
PRIOR PILING DATE: 2001-09-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR PILING DATE: 2001-08-04
PRIOR PILING DATE: 2001-08-05
PRIOR PILING DATE: 2001-08-05
PRIOR PILING DATE: 2001-08-07
PRIOR PILING DATE: 2001-08-13
PRIOR PILING DATE: 2001-08-15
PRIOR PILING DATE: 2001-08-16
PRIOR PILING DATE: 2001-08-17
PRIOR PI
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GENERAL INFORMATION:
APPLICANT: DANIEL, HENRY
TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSCENIC
TITLE OF INVENTION: PLASTIDS
FILE REPRENCE: 1465-PCT-US-00
CURRENT APPLICATION NUMBER: US/09/807,742A
CURRENT FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: PCT/US01/06288
PRIOR FILING DATE: 2001-02-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 580; DB 1; Length 592;
Pred. No. 2.4e-16;
0; Mismatches 2; Indels
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 119
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US-09-807-742A-15
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Matches 62; Conserv
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Best Local Similarity
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US-09-807-742A-15
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APPLICANT: CLICAGEN COTP. et al.

TITLE OF INVENTION: THERAPEUTIC POLIPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOL
FILE REPRENENCE: 21042-4463-461

CURRENT APPLICATION NUMBER: PCT/US02/24483

CURRENT FILING DATE: 2002-08-02

PRIOR APPLICATION NUMBER: 60/309,501

PRIOR FILING DATE: 2001-08-02

PRIOR FILING DATE: 2001-08-02

PRIOR FILING DATE: 2001-08-03

PRIOR FILING DATE: 2003-04-19

PRIOR FILING DATE: 2001-08-03

PRIOR PRIOR APPLICATION NUMBER: 60/310,291

PRIOR FILING DATE: 2001-08-08

PRIOR FILING DATE: 2001-08-09

PRIOR FILING DATE: 2001-08-15

PRIOR FILING DATE: 2001-08-16

PRIOR FILING DATE: 2001-08-17

PRIOR FILING DATE: 2001-08-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
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                                                                                                                                                    Length 757;
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                                                                                                                                                                                                                                   1; Indels
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98.3%; Pred. No. 7.8e-17;
tive 0; Mismatches 2;
                                                                                                                                                    Query Match 99.3%; Score 599; DB 7; Best Local Similarity 99.2%; Pred. No. 4.8e-17; Matches 117; Conservative 0; Mismatches 1
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APPLICANT: CuraGen Corp. et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 38, Application PC/TUS0224483; GENERAL INFORMATION:
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Best Local Similarity 98.3
Matches 116; Conservative
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PCT-US02-24483-38
                                                ; ORGANISM: Homo sapiens
US-60-487-610-1796
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SEQ ID NO 3570
LENGIH: 279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best_Local Similarity 42.3
Matches 47; Conservative
                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
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ORGANISM:
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TILLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

TITLE OF INVENTION: THERE USE.

FILE REFERENCE: 08940.0014-00304

CURRENT APPLICATION NUMBER: PCT/US03/26780

CURRENT APPLICATION NUMBER: 60/406,616

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PELING DATE: 2002-08-29

PRIOR PELING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29
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2 PGFGV--GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAKAAKIGVG-TPAAAA 58
                                              ------GVGIVPGVGI 50
                                                                                                                      59 AKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: This sequence may encompass 1-250 Gly Val Gly Val Pro US-09-807-742A-1
                                                                                                                                                                                                                                              GEGUREAL INFORMATION:
APPLICANT: DANIELL, HENRY
APPLICANT: DANIELL, HENRY
TITLE OF INVENTION: PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC
TITLE OF INVENTION: PLASTIDS
FILE REFRENCE: 1465-PCT-US-00
CURRENT APPLICATION NUMBER: US/09/807,742A
CURRENT FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: PCT/US01/06288
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PATENTIN VEY: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
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                           4 PGVGIVPGVGIVPGVGIVPGVGIVPG~---
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Matches 70; Conservative
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GVGV-PGVG 98
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LENGTH: 1250
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US-09-807-742A-1
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PRIOR RAPHICANTON NUMBERS: 604465.56
PRIOR FILING APRILANCES AND ANNERS: 604465.56
PRIOR FILING APRILANCES AND ANNERS: 604466.576
PRIOR FILING APRILANCES AND ANNERS: 604466.536
PRIOR FILING AND ANNERS: 604466.63
PRIOR FILING DATE: 2002-68.29
PRIOR APPLICATION NUMBER: 604466.63
PRIOR FILING DATE: 2002-68.29
PRIOR APPLICATION NUMBER: 604466.63
PRIOR PRIOR PRIOR DATE: 2002-68.29
PRIOR PRIOR PRIOR DATE: 2002-68.29
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PRIOR PRIOR DATE: 2002-68.29
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TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: THEIR USE TITLE OF INVENTION: THEIR USE TITLE OF INVENTION: THEIR USE TITLE OF INVENTION NUMBER: POLY0803/26780

CURRENT APPLICATION NUMBER: 60/406,616

PRIOR PILING DATE: 2002-08-29

PRIOR PILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,559
PRIOR APPLICATION NUMBER: 60/406,655
PRIOR APPLICATION NUMBER: 60/406,642
PRIOR APPLICATION NUMBER: 60/406,642
PRIOR APPLICATION NUMBER: 60/406,640
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,588
PRIOR APPLICATION NUMBER: 60/406,588
PRIOR APPLICATION NUMBER: 60/406,576
PRIOR APPLICATION NUMBER: 60/406,566
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR PRIOR APPLICATION NUMBER: 60/406,666
PRIOR PRIOR PRIOR DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
PRIOR PRIOR PRIOR DATE: 2002-08-29
PRIOR PRIOR DATE: 2002-08-29
PRIOR PRIOR PRIOR DATE: 2002-08-29
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42.3%; Pred. No. 0.085;
ive 1; Mismatches 63;
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APPLICATION NUMBER: 60/406,653
FILING DATE: 2002-08-29
APPLICATION NUMBER: 60/406,616
FILING DATE: 2002-08-29
APPLICATION NUMBER: 60/406,579
FILING DATE: 2002-08-29
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Matches 47; Conserv
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TITLE OF INVENTION: THERE USE

TITLE OF INVENTION: THERE USE

TITLE OF INVENTION: THERE USE

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CURRENT FILING DATE: 2002-08-29

PRIOR PRILORION NUMBER: 60/406,666

PRIOR PELING DATE: 2002-08-29

PRIOR PELING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PELING DATE: 2002-08-29
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APPLICANT: FIVEPRIME THERAPBUTICS, INC.
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLECTIDES AND METHODS OF
TITLE OF INVENTION: THEIR USE
FILE REPERRINGE: 08940,0014-00304
CURRENT APPLICATION NUMBER: PCT/USO3/26780
CURRENT FILING DATE: 2003-08-28
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                                                                                   7 GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAAAAAAAA 66
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    0; Gaps
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                                                                                                                                                                                                                                                                                                                      121 GAGAAGGAGGAGAAGGAGAAGGAGAAGGAGAAGGAGAAAGAAGAAGAAG 171
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    63; Indels
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Pred. No. 0.083;
1; Mismatches 63;
    1; Mismatches
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42.3%;
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Best Local Similarity 42.3
Matches 47; Conservative
    47; Conservative
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ORGANISM:
    Matches
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CURRENT PEPLICATION NUMBER: PCT/USO3/26780

CURRENT FILING DATE: 2002-08-28

PRIOR PELLING DATE: 2002-08-29

PRIOR FILING DATE: 5002-08-29

PRIOR FILING DATE: 2002-08-29
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CURRENT APPLICATION NUMBER: PCT/US03/19153

CURRENT PILING DATE: 2003-06-16

PRIOR PILING DATE: 2003-06-14

NUMBER OF SEQ ID NOS: 378

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 1386
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                                                                                                                                                                 Length 906;
                                                                                                                                                                                                    63; Indels
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                                                                                                                                                             Score 191; DB 1;
Pred. No. 0.15;
1; Mismatches 63;
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APPLICANT: Diversa Corporation
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NUMBER OF SEQ ID NOS: 3700
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3571
                                                                                                                                                             31.7%;
                                                                                                                                                 Query Match
Best Local Similarity 42.3%
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Best Local Similarity 36.0°
Matches 40; Conservative
                                                                                                    ; ORGANISM: Homo sapiens
PCT-US03-26780-3571
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PCT-US03-19153-284
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ORGANISM: Unknown
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                                                                                   TYPE: PRT
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Sequence 3010, Application PC/TUG0326780
GENERAL INFORMATION:
FURDANT: FIVEPRINE THERAPEUTICS, INC.
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
TITLE OF INVENTION: HUMBER: PCT/US03/26780
CURRENT FILING DATE: 2003-08-29
FRIOR APPLICATION NUMBER: 60/406,519
FRIOR FILING DATE: 2002-08-29
FRIOR APPLICATION NUMBER: 60/406,655
FRIOR APPLICATION NUMBER: 60/406,655
FRIOR APPLICATION NUMBER: 60/406,655
FRIOR FILING DATE: 2002-08-29
FRIOR FILING DATE: 2002-08-29
FRIOR FILING DATE: 2002-08-29
FRIOR PELICATION NUMBER: 60/406,640
FRIOR FILING DATE: 2002-08-29
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                           PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,642

PRIOR APPLICATION NUMBER: 60/406,642

PRIOR APPLICATION NUMBER: 60/406,640

PRIOR APPLICATION NUMBER: 60/406,588

PRIOR FILING DATE: 2002-08-29

PRIOR PILING DATE: 2002-08-20

PRIOR PILING DATE: 2002-08-20
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PRIOR APPLICATION NUMBER: 60/406,655
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39.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 26.6
Best Local Similarity 39.7
Matches 50; Conservative
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ORGANISM: Homo sapiens
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PETUTE OF INVENTION:

### APPLICANT: FIVEPRIME THERAPEUTICS, INC.

### TITLE OF INVENTION: THERE USE

### TITLE OF INVENTION: TO 03-08-28

### TITLE OF INVENTION UNBER: 60/406,616

### PRIOR FILING DATE: 2002-08-29

### PRIOR APPLICATION NUBER: 60/406,642

### PRIOR PELICATION NUBER: 60/406,646

### PRIOR FILING DATE: 2002-08-29

### PRIOR PELICATION NUBER: 60/406,646

### PRIOR FILING DATE: 2002-08-29

### PRIOR APPLICATION NUBBER: 60/406,666

### PRIOR PRIOR PRIOR DATE: 2002-08-29

### PRIOR PRIOR DATE: 2002-08-29
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                                                                                                                                                                                                                                                                                             ch 26.2%; Score 158; DB 1; Length 762;
1 Similarity 40.5%; Pred. No. 2.3;
45; Conservative 1; Mismatches 61; Indels
NUMBER OF SEQ ID NOS: 3700
SOFTWARE: Patentin version 3.2
SEQ ID NO 3010
LENGTH: 762
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                                                                                                                                                    TYPE: PRT
CRGANISM: Homo sapiens
PCT-US03-26780-3010
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PCT-US03-26780-3009
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PCT-US03-26780-3009
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Search completed: October 10, 2003, 19:00:36 Job time: 2.85275 secs

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61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQ 120
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US-09-140-736E-11
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
LENGTH: 199
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Best Local Similarity
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Sequence 2, Appli
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Sequence 10, Appl
Sequence 11, Appli
                                                                                                          October 10, 2003, 18:37:48 ; Search time 8.60147 Seconds (without alignments) 978.887 Million cell updates/sec
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1004
1 PGFGVGVGGIPGVAGVPGVG.........GVAPGVGVAPGVGVAPAIGP 199
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Sequence 7,
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Sequence 5,
Sequence 28,
Sequence 5,
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Sequence 29,
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Sequence 27,
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Sequence 8
Sequence 3
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/cgn2_6/ptodata/1/iaa/RCTUS_COMB.pep:*
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Compugen Ltd.
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US-08-678-039A-40

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US-09-340-736E-9

US-09-340-736E-9

US-09-841-334A-3

US-09-841-334A-14

US-08-806-029-28

US-08-806-029-28

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Copyright (c) 1993 - 2003
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Maximum Match 100%
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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APPLICANT: ROTHSTEIN, ASER
APPLICANT: REBLEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/010
CURRENT APPLICATION NUMBER: 05/09/340,736E
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1997-06-29
PRIOR FILING DATE: 1997-06-7
PRIOR FILING DATE: 1997-06-7
PRIOR FILING DATE: 1996-07
PRIOR FILING DATE: 1996-08-07
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Sequence 8
Sequence 1
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Sequence 7
Sequence 7
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US-08-707-237A-45
US-08-47-509B-74
US-09-444-791A-74
US-09-397-633A-75
US-08-307-633A-75
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US-08-477-509B-82
US-08-477-509B-82
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US-08-474-791A-53
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TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 AAAAAKAAKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVG 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
CURRENT APPLICATION NUMBER: U5/09/340,736E
CURRENT PILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 08/311,364
PRIOR FILING DATE: 1997-08-07
PRIOR FILING DATE: 1996-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: MFU-1 polypeptide
US-09-340-736E-2
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APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, SEAVEN J.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 1004; DB 4; Length 200; 100.0%; Pred. No. 1.4e-79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 2007-5108
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: RC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                  Sequence 2, Application US/09340736E Patent No. 6489446
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Patent No. 5969106
GENERAL INFORMATION:
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CORRESPONDENCES.
ADDRESSEE: FOLEY & LANDNER
STREET: 3000 K Street, N.W.
CITY: Washington
STATE: U.S. A.
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                             GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASER
APPLICANT: KEELEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0
Matches 199; Conservative
                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 200
US-09-340-736E-2
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TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REPRENCE: 041082/0110
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR FILING DATE: 1999-06-20
PRIOR APPLICATION NUMBER: 60/23,552
PRIOR APPLICATION NUMBER: 60/023,552
PRIOR FILING DATE: 1995-08-07
NUMBER OF SEQ ID NOS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 993.5; DB 2; Length 201; Pred. No. 1.1e-78; 0; Mismatches 0; Indels 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 4; Length 731;
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Pred. No. 7.3e-54;
6; Mismatches 23;
FILING DAIE: 07-AUG-1997
CLASSIFCATION: 530
PRIOR APPLICATION DAIA:
APPLICATION NUMBER: US 60/023,552
FILING DAIE: 07-AUG-1996
ATTORREY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 29,768
REFRENCE/DOCKET NUMBER: 04.1082/0104
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEPHONE: (202) 672-5309
INFORMATION FOR ESD ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09340736E Patent No. 6489446
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APPLICANT: KOTHSTEIN, ASER
APPLICANT: KEELEY, FRED
APPLICANT: ROTHSTEIN, STEVEN
                                                                                                                                                                                                                                                                                                                        I: 201 amino acids amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 99.55
Matches 199; Conservative
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Best Local Similarity 77.3'
Matches 157; Conservative
                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-911-364-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-340-736E-1
                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                     LENGTH:
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61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPBAQ 120
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121 AAAAAKAAKYGVGTPAAAAAAAAAAAAAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GLA 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKKAAKYGVGTPAAAAAKA 60
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                                                                                                                                                                                                                                                                                                                                                   SSEE: Howson and Howson

F: Spring House Corporate Cntr, PO Box 457
Spring House
Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 701.5; DB 3;
Pred. No. 5.3e-53;
5; Mismatches 25;
                                                                                                                                                                                                                                                            APPLICANT: WEISS, ANTHONY S
APPLICANT: MARTIN, STEPHEN L
TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT/AU93/00655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/464,700
FILING DATE: 7-JUN-1995
CLASSIFICATION: 435
                                                                         177 PGVGVAPGVGVAPGVGVAPAIGP 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: AU PL6520
FILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL9661
FILING DATE: 28-JUN-1993
                                                                                                  547 VGAGV-PGFGAGADEGVRRSLSP
                                                                                                                                                                                                     Sequence 2, Application US/08464700 Patent No. 6232458 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31,215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: GH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.98;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 16-DEC-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 733 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 5.
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWSON and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Bak, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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COUNTRY:
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Matches 155;
                                                                                                                                                                     RESULT 6
US-08-464-700-2
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                                                                                                                                                                                                                                                                                                                                                                                                CITY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                379 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPBAQAAAAAAAAKXGVGTPAAAAAA 438
                                     AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQ 120
                                                                         439 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPAIGPGGV 498
                                                                                                            121 AAAAAKAAKYGVGTPAAAAKAAAKAAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GLA 176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17; Gaps
                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08911364
Patent No. 5669106
GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, Aser
APPLICANT: ROTHSTEIN, Steven J.
APPLICANT: ROTHSTEIN, Steven J.
ATTLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 2; Length 731;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: PAPPLICATION NUMBER: US/08/911,364 FILING DATE: 07-AUG-1997 CLASSIFICATION: 530 PRIOR APPLICATION DATA: APPLICATION DATA: FILING DATE: 07-AUG-1996 ATTORNEY. QS 60/023,552 FILING DATE: 07-AUG-1996 ATTORNEY. REBENT INFORMATION: NAME: Bent, Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 701.5; DB 2
Pred. No. 5.3e-53;
6; Mismatches 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Bent, Stephen A.
REGISTRATION UNMER: 29,768
REFERENCE/COCKET NUMBER: 041082/0104
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                         547 VGAGV-PGFGAGADEGVRRSLSP 568
                                                                                                                                                                                   177 PGVGVAPGVGVAPGVGVAPAIGP 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SSEE: FOLEY & LARDNER [: 3000 K Street, N.W. Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        69.98;
76.48;
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TELEFAX: (202) 672-5399
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 731 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 76.4'
Matches 155; Conservative
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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COUNTRY:
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US-08-911-364-1
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1 PGFGVGVGGIPGVAGVPGVGGVPGVGCVPGVGISPEAQAAAAAAAAKAAKYGVGTPAAAAAAA 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 AAKAAQFGLVPGVGVAPGVGVAPGVGLAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPAIGF 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ROHESTEIN, ASER
APPLICANT: ROHESTEIN, ASER
APPLICANT: ROHESTEIN, STEND
APPLICANT: ROHESTEIN, STEVEN
APPLICANT: ROHESTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGHING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
TITLE REPERENCE: 04/102/0110
CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT PILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR PLING DATE: 1999-08-07
PRIOR APPLICATION NUMBER: 06/023,552
PRIOR APPLICATION NUMBER: 06/023,552
PRIOR PLING DATE: 1996-08-07
SOFTWARE: PALENTIN VOI: 2.1
SOFTWARE: PALENTIN VOI: 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                            APPLICANT: KEELEY, FRED
APPLICANT: RETHERD STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
TITLE OF INVENTION: AND OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Description of Artificial Sequence: Synthetic , OTHER INFORMATION: MFU-3 polypeptide US-09-340-736E-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: MFU-4 polypeptide
US-09-340-736E-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             59.5%; Score 597; DB 4; Length 117; 100.0%; Pred. No. 7.7e-45; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                59.5%; Score 597; DB 4; Length 118; 100.0%; Pred. No. 7.8e-45;
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                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/340,736E
CURRENT FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 08/911,364
PRIOR PILING DATE: 1997-08-07
PRIOR APPLICATION NUMBER: 60/023,552
PRIOR FILING DATE: 1996-08-07
NUMBER OF SEQ ID NOS: 11
SOFWWARE: PATENTIN Ver. 2.1
SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 59.5%
Best Local Similarity 100.0
Matches 117; Conservative
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GENERAL INFORMATION:
APPLICANT: ROTHSTEIN, ASER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 118
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                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Diagnosis of Williams Syndrome and TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             86 GVAPGVGLAPGVGVAPGVGVAPGGVAPAIGPEAQAAAAAKAAKYGVGTPAAAAAKAAK 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -----GVGTPAAAAKAAAKAAQF-----GLVPGVGVAPGVGVAPGV 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        146 AAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GLAPGVGVAPGVGVAPGVGVAPAIGP 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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65.1%; Pred. No. 9.6e-50;
tive 6; Mismatches 25; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C. STREET: 555 Thirteenth Street, N.W., Suite 701 East
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: US/08/678,039A FILING DATE: 10-70L.1996 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2323-120A
  177 PGVGVAPGVGVAPGVGVAPAIGP 199
                                              549 VGAGV-PGFGAGADEGVRRSLSP 570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                       US-08-678-039A-40
; Sequence 40, Application US/08678039A
; Patent No. 5558662
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    38,609
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
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TELEFAX: 202-783-6031
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Best Local Similarity 65.13
Matches 155; Conservative
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ADDRESSEE: Rothwell,
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                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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191 SGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAAVTGRGDSP 250
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 46.2%; Score 464; DB 4; Length 1169; Similarity 32.4%; Pred. No. 2.2e-32; 21; Conservative 11; Mismatches 66; Indels 176;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 PGFGV--GVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAA----
                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENI INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MIK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43 AKAAKYGVGTPAAAAAKAAAKAAQ-----
                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FBB-1997
CLASSIFICATION: 514
                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application US/09841334A
Patent No. 6533819
GENEAL INFORMATION:
APPLICANT: Urry, Dan
APPLICANT: Parker, Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 33:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 1169 amino acids
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                                       California
: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
                                                                               ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                   San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unknown
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US-09-841-334A-14
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                                                           COUNTRY:
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Best Local 2
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                                                                                                                                                                                                 GENERAL INFORMATION:

APPLICANT: Urry, Dan

APPLICANT: Parker, Timothy

APPLICANT: Parker, Timothy

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

TITLE OF INVENTION: OBJOACA

CURRENT APPLICATION NUMBER: US 09/258,723

PRIOR APPLICATION NUMBER: US 09/258,723

PRIOR APPLICATION NUMBER: US 60/087155

PRIOR PILING DATE: 1999-02-26

PRIOR PILING DATE: 1999-02-29

PRIOR FILING DATE: 1999-02-27

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 PGFGV-GVG----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAKAAK 47
                                          61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGTGP 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         108 GVGVAPAIGPEAQAAAAKAAKYGVGTPAAAAAKAAAKAA------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               52.3%; Score 525; DB 4; Length 745; 44.8%; Pred. No. 8e-38; Live 8; Mismatches 46; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
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                                                                                                                                                           ; Sequence 38, Application US/09841334A; Patent No. 6533819
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Patent No. 6380154
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (1)..(745)
OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 44.8 Matches 125; Conservative
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                                                                                                                       RESULT 10
US-09-841-334A-38
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US-09-841-334A-38
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US-08-806-029-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 745
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                                                                                                                                                                                                                                                                DB 1; Length 988;
                                                                                                                                                                                                                                                                                                         51; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 28, Application US/08806029
Patent No. 6380154
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           240 -PGVGV-PGVGV-PGVGV-PGVGV-PGVG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   164 APGVGVAPGVGLAPGVGVAPGVGVAPAIG 198
                                                                                                                                                                                                                                                             Query Match 40.3%; Score 404.5; DB 1
Best Local Similarity 55.8%; Pred. No. 2.4e-27;
Matches 120; Conservative 11; Mismatches 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET WUMBER: A-58847-2/RFT/MTK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 28:
                          TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACIERISTICS:
LENGTH: 988 amino acids
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LENGTH: 988 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
       TELEPHONE: 415-781-1989
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: United States
                                                                                                                                                single
                                                                                                                                                                    ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-212-237-5
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                                                                                                                        amino acid
                                                                                                                                  STRANDEDNESS: sin
                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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              TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration FILE REFERENCE: BERL-020/05US
CURRENT APPLICATION NUMBER: US/09/841,334A
CURRENT FILING DATE: 2001-04-23
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-27
RIOR RILING DATE: 1988-05-27
RIOR FILING DATE: 1988-05-27
PRIOR FILING DATE: 1988-05-27
PRIOR FILING DATE: 1988-05-30
PRIOR FILING DATE: 1988-05-30
PRIOR FILING DATE: 1988-05-30
SOFTWARE: PATENTIN UNSERVER DATE: 1088-02-37
SOFTWARE: PATENTIN UNSERVER DATE: 1088-02-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     53 PAAAAAAAAAAAAAGFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVA 112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    50 PGV------GVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVA 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     . 99
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
TITLE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PAPLICATION WARER: US/08/212,237
FILING DATE: 11-NAR-1994
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REFERENCE/DOCKET NUMBER: A-58847/BIR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          98 PGVGVP-----GVGVPGVG
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  130 VGV-PGVGV-PGVGV-PGVGV 147
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                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: PEPTIDE LOCATION: (1)..(148)
OTHER INFORMATION: Synthetic
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ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 56.2
Matches 113; Conservative
Glazer, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 94111-4187
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                                                                                                                                                                                                                                                                                                                          LENGTH: 148
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US-08-212-237-5
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APPLICANT:
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Search completed: October 10, 2003, .18:43:13 Job time : 9.60147 secs
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                                                                                                                                                                                          50 VGTPAAAAAKA----AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVG 104
                                                                                                                                                                                                                                                                                                                                 105 VAPGVGVAPAIGPEAQAAAAKAAKYGVGTPAAAAKA-AAKAAQFGLVPGVGVAPGVGV 163
                                                                                                                                                                2 GFGVGVGGIPGV----AGVPGVG----GVPGVG----GVPGVGISPEAQAAAAAAAKAAKXG 49
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                                                                                                                           33;
                                                                              Query Match 40.3%; Score 404.5; DB 4; Length 988; Best Local Similarity 55.8%; Pred. No. 2.4e-27; Matches 120; Conservative 11; Mismatches 51; Indels 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    40.3%; Score 404.5; DB 5; Length 988; 55.8%; Pred. No. 2.4e-27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               51; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Frotein Polymer Technologies, Inc.
TITLE OF INVENTION: Synthetic Proteins As Implantables
NUMBER OF SEQUENCES: 9
CORRESPONDENCES: 9
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
CITY: San Francisco
COUNTR: U.S.A.
ZIP: 94111-4187
COMPUTER: READABLE FORM:
MADIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPREATING SYSTEM: PC-DOS/AS-DOS
CONTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNBER: PCT/US95/02772
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
ATTORNET-AGENT INFORMATION:
NAME: ROWLENG, BETTERM I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
TELEPHONE: 415-781-1989
TELEPHONE: 415-781-1989
INFORMATION FOR SEQ. ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       240 -FGVGV-PGVGV-PGVGV-PGVG 268
                                                                                                                                                                                                                                                                                                                                                                                                                 164 APGVGVAPGVGLAPGVGVAPGVGVAPAIG 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5, Application PC/TUS9502772 GENERAL INFORMATION: APPLICANT: Protein Polymer Technol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       988 amino acids
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    ; TOPOLOGY; unknown
; MOLECULE TYPE: protein
US-08-806-029-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: sin
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PCT-US95-02772-5
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105 VAPGVGVAPAIGPEAQAAAAKAAKKGVGTPAAAAKA-AAKAAQFGLVPGVGVAPGVGV 163
                                                                                                                       164 APGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 198
                                                                                                                                         240 -PGVGV-PGVGV-PGVGV-PGVG-268
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October 10, 2003, 18:41:34; Search time 15.0161 Seconds (without alignments) 2135.343 Million cell updates/sec
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1004
1 PGFGVGVGGIPGVAGVPGVG.......GVAPGVGVAPGVGVAPAIGP 199
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2: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*
6: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
10: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/2/pubpaa/US10_RUB_PUB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/US10_RUB_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| Description | Sequence 11, Appli Sequence 2, Appli Sequence 1, Appli Sequence 9, Appli Sequence 3, Appli Sequence 38, Appli Sequence 38, Appli Sequence 14, Appli Sequence 24, Appli Sequence 25, Appli Sequence 26, Appli Sequence 25, Appli |
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| SUMMARIES ID | US-09-964-662-1 US-09-964-662-1 US-09-964-662-1 US-09-964-662-9 US-09-964-662-9 US-09-84-662-9 US-09-837-9694-14 US-09-837-9694-14 US-09-837-9694-14 US-10-096-986-81 US-10-096-986-81 US-10-096-986-81 US-10-096-986-81 US-10-117-931-25 |
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| % Query Match Length DB | 199 200 200 731 117 148 148 148 148 2257 2055 378 1002 |
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| Sequence 15, Appl Sequence 37, Appl Sequence 34, Appl Sequence 34, Appl Sequence 39, Appl Sequence 39, Appl Sequence 40, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 35, Appl Sequence 55, Appl Sequence 25, Appl Sequence 36, Appl Sequence 58, | |
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| 5 US-10-117-931-15 US-09-837-969A-37 US-09-841-321A-34 US-09-841-321A-34 US-09-841-969A-39 US-09-841-969A-39 US-09-841-931-30 US-09-841-931-30 US-09-841-969A-40 US-09-841-969A-40 US-09-841-969A-18 US-09-841-321A-18 US-09-841-321A-35 US-09-841-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-55 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 US-09-81-321A-35 | |
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ALIGNMENTS

| | 0; | 09 | 120 | 180 |
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| RESULT 1 US-09-964-662-11 US-09-964-662.11 Sequence 11, Application US/09964662 Publication No. US20030166846A1 GENERAL INFORMATION: APPLICANT: PROTEIN SPECIALITES LTD. APPLICANT: PROTEIN SPECIALITES LTD. TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS TITLE OF INVENTION: OTHER FIBROUS PROTEINS TITLE OF INVENTION: UNBER: US/09/964,662 CURRENT APPLICATION NUMBER: US/09/964,662 CURRENT APPLICATION NUMBER: US/03/340,736 PRIOR FILING DATE: 1999-06-29 NUMBER OF SEQ ID NOS: 11 SEQ ID NO 11 LEMENTH: patentin Ver. 2.1 SEQ ID NO 11 LEMENTH: 199 TYPE: PRI CORGANISM: Homo sapiens US-09-964-662-11 | Query Match 100.0%; Score 1004; DB 12; Length 199; Best Local Similarity 100.0%; Pred. No. 6.7e-67; Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps | OY 1 PGFGVGVGGIPGYAGVPGVGGVPGVGGVPGVGISPEAQAAAARAKYGVGFPAAAAARA 6 | Qy 61 AAKAAQFGIVPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPAGGEAQ | 27 121 AAAAAKAAKGVGTPAAAAAKAAAKGGGLVPGVGVAPGVGVAPGVGVAPGVGLAEGVG 1 |
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Query Match 70.99
Best Local Similarity 77.39
Matches 157; Conservative
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US-09-961-403-8
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APPLICANT: PROTEIN SPECIALITIES LTD.
APPLICANT: PROTEIN SPECIALITIES LTD.
APPLICANT: PROFIE SEBARCH AND DBYELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT PELICATION NUMBER: 209/964,662
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
WUNBER OF SEQ ID NOS: 11
SOFTWARE: PATCHIN VOF. 2.1
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Publication No. US200301668461
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITIES LTD.
APPLICANT: PROTEIN SPECIALITIES LTD.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/0112
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
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                                      181 VAPGVGVAPGVGVAPAIGP 199
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SOFTWARE: Patentin Ver. 2.1
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ORGANISM: Homo sapiens
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LENGIH: 731
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LENGTH: 200
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US-09-964-662-1
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379 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAKA 438
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APPLICANT: HE-STUMPP, HOLGER

APPLICANT: HE-STUMPP, HOLGER

APPLICANT: RABETSCHMAR, JOERN

APPLICANT: KREET, SECHAR, JOERN

APPLICANT: KREET, ELKE

APPLICANT: REGION, PEDNO

APPLICANT: REGION, PEDNO

TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS

FILE REPERENCE: SCH-1789

CURRENT APPLICANTON NUMBER: US/09/961,403

CURRENT FILING DATE: 2001-09-25

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PATCHILIN VET. 2.1

SEQ ID NO 8

LEMBET HE STUMP APPLICANTON NOW SECOND 
                                                                                                          23; Indels 17; Gaps
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          DB 12; Length 731;
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Score 711.5; DB 1
Pred. No. 6.8e-45;
6; Mismatches 23
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     70.9%;
77.3%;
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Best Local Similarity 52.69
Matches 163; Conservative
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Sequence 38, Application US/09837969A
Petent No. US2002038150A1
GENERAL INFORMATION:
APPLICANT: UTTY, Dan
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REPERENCE: BERL-02070304
CURRENT APPLICATION NUMBER: US/09/837,969A
CURRENT FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 60/087155
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-29
PRIOR FILING DATE: 1998-05-27
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.0
SEQ ID NO 38
LUNCH TAS
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APPLICANT: Urry, Dan

TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REFERENCE: BERL-020/040S

CURRENT FILING DATE: 020/040S

CURRENT FILING DATE: 0201-04-30

PRIOR APPLICATION NUMBER: US 09/258,723

PRIOR APPLICATION NUMBER: US 09/258,723

PRIOR PLING DATE: 1999-02-26

PRIOR FILING DATE: 1998-02-27

PRIOR PLING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin version 3.0

SEQ ID NO 38

LENGTH: 745
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGALISH Artificial Sequence
; FRATURE:
; NAME/KEY: PEPTIDE
; CCARION: (1)..(745)
; CTHER INFORMATION: Synthetic
US-09-837-9698-38
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Best Local Similarity
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                                                                          Sequence 9, Application US/09964662
; Publication No. US20030166846A1
; GENERAL INFORMATION:
    APPLICANT: PROTEIN SPECIALITIES LTD.
    APPLICANT: PROTEIN SPECIALITIES LTD.
    APPLICANT: PROTEIN SPECIALITIES LTD.
    TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS
    FILE REFRENCE: 041082/0112
    CURRENT APPLICATION NUMBER: US/09/964,662
    PRIOR APPLICATION NUMBER: 09/340,736
    PRIOR PRILING DATE: 1209-06-29
    NUMBER OF SEQ ID NOS: 11
    SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAKAAKYGVGTPAAAAKA 60
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Publication No. US20030166846A1
GENERAL INFORMATION:
APPLICANT: PROTEIN SPECIALITES LTD.
APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
TITLE OF INVENTION: SELF-ALIGNING PREPTIDES MODELED ON HUMAN ELASTIN AND
TITLE OF INVENTION: OTHER FIBROUS PROTEINS
FILE REFERENCE: 041082/012
CURRENT APPLICATION NUMBER: US/09/964,662
CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT; ORGANISM: Homo sapiens
US-09-964-662-9
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US-09-964-662-10
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US-09-837-969A-38
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US-09-964-662-10
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LENGIH: 117
                                                       US-09-964-662-9
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ద δŽ TYPE: PRT

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Sequence 14, Application US/09841321A
Petent No. US20020116069A1
GENERAL INFORMATION:
APPLICANT: UTTY, Dan
TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REPERBRENCE: BERL -020/04US
CURRENT APPLICATION NUMBER: US/09/841,321A
CURRENT APPLICATION NUMBER: US/09/841,321A
PRIOR FILING DATE: 1909-02-26
PRIOR FILING DATE: 1999-02-26
PRIOR PLILING DATE: 1998-02-27
PRIOR FILING DATE: 1998-02-27
SOFTWARE: PAGENTON NUMBER: US 60/076297
SOFTWARE: PAGENTON NUMBER: US 60/076297
SOFTWARE: PAGENTON VOMBER: US 60/076297
SOFTWARE: PAGENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Sam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13;
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   -VPGVGV-PGVGV-PG 129
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Pred. No. 3.2e-26;
6; Mismatches 16; Indels 6
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Richardson, Charles
Chambers, James
Causey, Stuart
Pollock, Thomas J.
   -GVGVPGVG-
                                     173 VGLAPGVGVAPGVGVAPGVGV 193
                                                               130 VGV-PGVGV-PGVGV-PGVGV 1.47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
US-09-841-321A-14
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Best Local Similarity 56.2
Matches 113; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: PEPTIDE
 98 PGVGVP
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US-10-096-986-74
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TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
FILE REPERENCE: BERL-020/03US
CURRENT APPLICATION NUMBER: US/09/837,969A
CURRENT FILING DATE: 1099-02-26
PRIOR PAPLICATION NUMBER: US 60/087155
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-27
RIOR FILING DATE: 1998-02-7
RIOR FILING DATE: 1998-02-7
NUMBER OF SEQ ID NOS: 65
SUPTHARE: Patentin version 3.0
SEQ ID NO 14
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                                                                                                                                                     Gaps
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Pred. No. 3.4e-31;
8; Mismatches 46; Indels 100;
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Pred. No. 3.2e-26;
6; Mismatches 16; Indels 8
                                                                                                                                                                                                                                                                                                                                             GVGVAPAIGPEAQAAAAKAAKYGVGTPAAAAAAAAKAA-----
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Patent No. US20020038150A1
                                                                                                                52.3%;
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Best Local Similarity 56.2%;
Matches 113; Conservative
                               ; LOCATION: (1)...(745)
; OTHER INFORMATION: Synthetic
US-09-841-321A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LOCATION: (1)...(148); OTHER INFORMATION: Synthetic US-09-837-969A-14
                                                                                                          Query Match 52.3%
Best Local Similarity 44.8%
Matches 125; Conservative
                     PEPTIDE
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                   NAME/KEY:
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FEATURE:
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Matches 123; Conservative
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                                                                                                                                                                                                                                                                                                 COUNTRY: US
   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -----YG 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         176 -PGVGV-----PGAGAGSGAGAGSGVGVPGVGVPGVGVPGVGVPGVPGVPGVPGVPG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 132 VGTPAAAARKAAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGV 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 PGFGVGVG-----GIPGVAGVPGVG----GVPGVG----GVPGVGISPEAQAAAAKA 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    37.4%; Score 375; DB 15; Length 1465;
48.6%; Pred. No. 6.6e-20;
tive 7; Mismatches 36; Indels 84
                                                                                                                          STREET: Four Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BIC
                                                                                                                                                                                                                                                                                             FILING DATE: 22-No. US20030083464A1-1999
APPLICATION NUMBER: US 08/482,085
FILING DATE: 07-UNN-1995
APPLICATION NUMBER: US 08/175,155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       106 APGVGVAPAIGPEAQAAAAAKAAK------
                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 07/114,618
                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 06/927,258
                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/444,791
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-10-096-986-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Trecartin, Richard F. REGISTRATION NUMBER: 31,801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 82, Application US/10096986
; Publication No. US20030083464A1
                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 04-NOV-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGIH: 1465 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 415-398-3249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 74:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
                                      STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 48.6
Matches 120; Conservative
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GV-PGAG 288
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US-10-096-986-82
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TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive Units of Amino Acids and DNA Sequences Encoding the Sa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              93 LAPGVGVAPGVGVAPGVGVAPAIGPEAQAAAAKA-------AKYGVGTPAAAA 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            46 ------AKYGVGTPAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVG 92
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Four Embarcadero Center, Suite 3400 CITY: San Francia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-11/RFT/BTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION UMBRR: US/09/444,791
FILING DATE: 22-No. US/09/444,791
APPLICATION NUMBRR: US 08/482,085
FILING DATE: 07-JUN-1995
APPLICATION NUMBRR: US 08/175,155
FILING DATE: 29-DEC-1993
APPLICATION NUMBER: US 08/053,049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hobbach Test Albritton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:

CURRENT APPLICATION NUMBER: US/10/096,986
FILING DATE: 12-Mar-2002
CLASSIFICATION: <unstitution of the control of 
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APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 82:
US-10-096-986-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
APPLICANT: Ferrari, Franco A.
Richardson, Charles
Chambers, James
Causey, Stuart
Pollock, Thomas J.
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TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 2257 amino acids
                                                                                                                                                                                                                                                                   Cappello, Joseph
Crissman, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ELEFAX: 415-398-3249
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 82
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| QY 140 AKAAKAQFGLVFGVGYAPGVGVAPGVGAPGVGTAPGVGVAPGVGVAPGVGVAPGI 198 1 | OY 4.1 AAAKAAKTGVGTPAAAAAKAAAKAAAGFGL | GSGAGAGSGAGSGVG 163 |
|--|--|--|
| RESULT 13 US-10-096-986-81 ; Sequence Bl. Application US/10096986 : Parkinantian transference of the control of | Oy 70 VPGYGVAPGVGVAPGYGVAPGYGTAPGYGVAPGVGVAPGYGVAPA | PA 114 GAGAGSGAGAG 217 |
| GENERAL DIN NO. 05203003404A1 GENERAL INCO. 05203003404A1 ; GENERAL INCO. Ferrari, Franco A. ; Richardson, Charles | QY 115AQPGL-VPG | AQFGL-VPG 154 : AGAGSGAGSGVGVPG 277 |
| ; Chambes, James ; Causey, Stuart ; Pollock, Thomas J. ; Cappello, Joseph. | OY 155 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPAIG | G 198 - 314 |
| TITLE OF INVENTION: No. US20030083464Alel Peptides Comprising Repetitive; Units of Amino Acids and DNA Sequences Encoding the Same; NUMBER OF SEQUENCES: 117 | RESULT 14 US-10-117-931-26 | |
| CORRESPONDENCE ADDRESS: ; CORRESPER: Flehr Hobbach Test Albritton & Herbert LLP ; STREET: Four Embarcadero Center, Suite 3400 ; CITY: San Francisco | ; Sequence 26, Application US/10117931 ; Publication No. US20030104589A1 ; GENERAL INFORMATION: ; APPLICANT: SIEDRONGKY, Brwin R. | |
| STATE: California COUNTRY: US ZIP: 9411 | CAPPELLO, Joseph TITLE OF INVENTION: TISSEN Adhesive Using Synthetia | tic |
| EADAI | NORMINGE | |
| OPERATING SYSTEM: PC-DOS/MNS-DOS SOFTMARE: PE-ENTIN Release #1.0, Version #1.30 | Seb: Fubric, nomeach, 1551, Aubrillon : Four Embarcadero Center, Suite 200 San Francisco | 8 |
| CURRENI PATA: * APPLICATION UNMERS: US/10/096,986 * FILING DATE: 12-Mar-2002 | ; STATE: CA ; COUNTR: US ; ZIP: 9411 | |
| ; CLASSIFICATION: <unknown> ; PRIOR APPLICATION DATA:</unknown> | COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk | |
| # APPLICATION NUMBER: US/U9/444,/91 FILING DATE: 22-No. US20030034641-1999 APPLICATION NUMBER: US 08/482,085 | bie /MS-DOS se #1.0, Version | #1.30 |
| ; FILING DATE: 07-JUN-1995 ; APPLICATION UNBER: US 08/175,155 ; FILING DATE: 29-DEC-1993 | ; CURRENT APPLICATION DATA: ; APPLICATION NUMBER: US/10/117,931 FTI.TMS DATE: 05-APR-002 | |
| APPLICATION NUMBER: US 08/053,049 FILING DATE: 22-APR-1993 | CLASSIFICATION CURNOWN> PRIOR APPLICATION DATA: | |
| ; APPLICATION NUMBER: US 07/114,618 ; FILING DATE: 29-OCT-1987 | ; APPLICATION NUMBER: US/08/642,246 ; FILING DATE: <unknown></unknown> | |
| ; APPLICATION NUMBER: US 06/927,258 FILING DATE: 10+NOV-1966 ; ATTORNEY/AGENT INFORMATION: | ; ATTORNEY AGENT INFORMATION: ; NAME: ROWLAND, BEITLAM I ; REGISTRATION WIMBER: 20015 | |
|) NAME: Trecartin, Richard F. ; REGISTRATION NUMBER: 31,801 ; prepare Another | REFERENCE/DOCKET NUMBER: A61127-1/BIR TELECOMMUNICATION INFORMATION: | |
| TELECOMMUNICATION INFORMATION: ; TELECOMMUNICATION: ; TELEPRONE: 415-781-1989 | TELEFRANCE: 413 'S11-1209; TELEFRAN: 415-396-3249; TUPORMATTOTECHERAN: 415-396-3249; | |
| ; TELEFAX: 415-398-3249 ; INFORMATION FOR SEQ ID NO: 81: | | |
| ; SBQUENCE CHARACTERISTICS: ; LENGH: 2055 anino acids . Trops: anino acids | ino acid NESS; sinc | |
| TIPE ALLING ACID STRANDENESS: Single TOPOLOGY: linear | ; MOLECUE TYPE: protein ; MOLECUE TYPE: protein ; SEQUENCE DESCRIPTION: SEQ ID NO: 26: | |
| ; MOLECULÆ TYPE: CDNA ; SOUURNŒ DESCRIPTION: SEQ ID NO: 81: | -26 | |
| US-IU-U96-980-81 Query Watch 36.6%; Score 367; DB 15; Length 2055; Rost Incal Similarity 45 19. Drad M. 2 50.10. | Query Match 36.3%; Score 364; DB 15; Len Best Local Similarity 46.0%; Pred. No. 1.1e-19; Matches 116; Conservative 10; Mismatches 44; In | <pre>Length 378; Indels 82; Gaps 22;</pre> |
| hes 128; Conservative | QY 2 GFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGGSPEAQAAAAAKXGVGTP | AQAAAAAKAAKYGVGTP 53 |
| | Db 42 GAGSGYGYPGVGYPGY-GYPGYGYPGKGYPGY-GYPGYGYP | GVGVP 85 |
| Db 46 GAGSGVGVPGVPGV-GVPGVPGVGVPGVGVPGVGVPGVGVPG | Qy 54 AAAAAKAAARFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGV | PGVGLAPGVGV 99 |

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------APGVGVAPGVGVAPAIGPEAQAAAAKAAKY---GVGTPAAAAAKAAAKA 146
                                    143 SGAGAGSGVGVPGVGV-PGVGVPGKGVPGVGVPGVFGVGVPGVFGVGVPGAGAGSGAGAG 200
                                                                                                                147 AQFGLVPGVGVAPGVGVAPGVGV----APGVGLAPGVGVAPGVGV--
                                                                                                                                                                                                                                                                  Search completed: October 10, 2003, 19:02:28 Job time: 16:0161 secs
                                                                                                                                                                      188 -APGVGVAPAIG 198
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256 GVPGVGV-PGVG 266
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                                                                                 42 GAGSGVGVPGVPGV-GVPGVGVPGKCVPGY-GVPGVGVP--------GVGVP 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 GFGVGVG----GIPGVAGVPGVG----GVPGVGGVPGVGISPEAQAAAAAAAKYGVGTP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       54 AAAAAKAAAKAAQFGL----VPGVGVAPGVGV----APGVGVAPGVGLAPGVGV----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: FOUR Embarcadero Center, Suite 200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
36.3%; Score 364; DB 15; Length 1002;
Best Local Similarity 46.0%; Pred. No. 2.9e-19;
Matches 116; Conservative 10; Mismatches 44; Indels 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
REPRICATION NUMBER: US/10/117,931
FILING DATE: 05-Apr-2002
CLASSIPICATION: UNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/642,246
                                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/10117931
Publication No. US20030104589A1
GENERAL INFORMATION:
APPLICANT: STEDRONSKY, Erwin R.
CAPPELLO, Joseph
TITLE OF INVENTION: Tissue Adhesive Using Synthetic NUMBER OF SEQUENCES: 35
                                                                                                                                  147 AQFGLVPGVGVAPGVGVAPGVGV----APGVGLAPGVGVAPGVGV-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: «URLOWN)
ATTORNEY/AGENT INFORMATION:
NAME: ROWINDN BEATLAM I
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A61127-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 1002 amino acids
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                                                                                                                                                                                                             188 -APGVGVAPAIG 198
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|256 GVPGVGV-PGVG 266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: US
                                                                                                                                                                                                                                                                                                             RESULT 15
US-10-117-931-25
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10289, A 10289, A

Title: Perfect score:

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Database

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Sequence 10290, A Sequence 10290, A Sequence 217, App Sequence 217, App
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Sequence 2915, Ap
Sequence 38, Appl
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US-09-964-662-11

US-09-964-662-11

Sequence 11, Application US/09964662

SEQUENCE 11, Application US/09964662

SEQUENCE 11 SECUENT SPECIALITIES LTD.

APPLICANT: PROTEIN SPECIALITIES LTD.

APPLICANT: HGC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP

TITLE OF INVENTION: OFHER FIBROUS PROTEINS

FILLE OF INVENTION: OFHER FIBROUS PROTEINS

FILLE REFERENCE: 041082/0112

CURRENT APPLICATION NUMBER: 09/946,662

PRIOR FILLING DATE: 1090-06-29

PRIOR FILLING DATE: 1099-06-29

NUMBER OF SEQ ID NOS: 11

SEQ ID NO 11

SEQ ID NO 11

LENGTH: 199

TYPE: PRI

ORGANISM: Homo sapiens

US-09-964-662-11
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Sequence 45, Appl
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Copyright (c) 1993 - 2003 Compugen Ltd.
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US-09-964-662-2
US-09-964-662-2
; SQUUENCE 2, Application US/09964662
; SQUUENCE 2, Application US/09964662
; GENERAL INFORMATION:
    APPLICANT: PROTEIN SPECIALITES LTD.
    APPLICANT: PROTEIN SPECIALITES LTD.
    TITLE OF INVENTION: OTHER FIBROUS PROTEINS
    TITLE OF INVENTION: OTHER FIBROUS PROTEINS
    TITLE OF INVENTION: OTHER FIBROUS PROTEINS
    FILE REPERRORE: 04108_2/0112
    CURRENT APPLICATION NUMBER: US/09/964,662
    CURRENT FILING DATE: 1093-05-08
    PRIOR APPLICATION NUMBER: 09/340,736
    PRIOR PLING DATE: 1099-06-29
    NUMBER OF SEQ ID NOS: 11
    SOFTWARE PATENTIAL OF THE PROSE PROTEINS
    SOFTWARE PATENTIAL OF THE PROSE PROTEINS
    SOFTWARE PATENTIAL DATE: 200
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PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAKAAKYGVGTPAAAAAKA 60
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; Sequence 1, Application US/09964662
; GENERAL INFORMATION:
; APPLICANT: PROTEIN SPECIALITES LID.
; APPLICANT: HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
; TITLE OF INVENTION: SELF-ALIGNING PEFTIDES MODELED ON HUMAN ELASTIN AND TITLE OF INVENTION: OTHER FIBROUS PROTEINS
; FILE REPERRACE: 041082/0112
; CURRENT APPLICATION NUMBER: US/09/964,662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAKYGVGTPAAAAKA
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) OTHER INFORMATION: Description of Artificial Sequence: Synthetic
) OTHER INFORMATION: Polypeptide
US-09-964-662-2
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100.0%; Pred. No. 6.7e-73;
Live 0; Mismatches 0; 1
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: APPROSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001457
CURRENT APPLICATION NUMBER: US/60/453,050
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SEQ ID NOS: 82762
SEQ ID NO 10290
LENGTH: 702
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                                                                                                                                                                                                                                   Length 731;
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Pred. No. 9.9e-49;
6; Mismatches 23;
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53.9%; Pred. No. 1.2e-48;
iive 6; Mismatches 24;
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US-60-453-050-10290
Sequence 10290, Application US/60453050
GENRRAL INFORMATION.
APPLICANT: CARGILL, Michele
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                PRIOR APPLICATION NUMBER: 09/340,736
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 1
LENGTH: 731
CURRENT FILING DATE: 2003-05-08
                                                                                                                                                                                                                                     Query Match 70.9%;
Best Local Similarity 77.3%;
Matches 157; Conservative 6
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164; Conservative
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CRGANISM: Homo sapiens
US-60-453-050-10290
                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Si
Matches 164,
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NAME/KEY: SITE
LOCATION: (192)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                 LOCATION: (25)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: (488)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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Pred. No. 2e-48;
6; Mismatches 19; Indels 10:
                         Length 702;
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PCOL8
CURRENT APPLICATION NUMBER: US/09/760,494
CURRENT FILING DATE: 2001-01-16
FILOR application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 258
SSGTWARE: Patentin Ver. 2.0
SSGTWARE: Patentin Ver. 2.0
LENGIH: 772
                                                                   24;
                           DB 32;
                         Score 710; DB 32;
Pred. No. 1.2e-48;
6; Mismatches 24
                                                                                                                                                                                                                                                                                                                                                                                                                              155 VGVAPGVGV----APGVGVAPGV---
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                           70.7%;
53.9%;
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56.4%;
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Matches 164; Conserv
                                            Best Local Similarity
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US-09-760-494-217
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                           Query Match
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APPLICANT: CARGILL,
TIXKOUBOVA, Olga
TITLE OF INVENTION: GENEFIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: WYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001456
CURRENT APPLICATION UNMER: US/60/453,135
CURRENT APPLICATION OWNER: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FasiSEQ for Windows Version 4.0
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/60/466,412
CURRENT FILING DAFE: 2003-04-30
NUMBER OF SEQ ID NOS: 42224-1
SOFTWARE: FASTSEQ for Windows Version 4.0
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Pred. No. 1.2e-48;
5; Mismatches 24; Indels 110;
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                                                                                                                                                           US-60-453-135-10290; Sequence 10290, Application US/60453135; GENERAL INFORMATION:
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53.98;
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Matches 164; Conservative
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US-60-453-135-10290
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US-60-466-412-10290
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682 GLSP 685
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LENGTH: 702
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APPLICANT: INCOMENVA, OLGEN TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF FILE REFERENCE: CLO014456 US/60/453,135
CURRENT APPLICATION NUMBER: US/60/453,135
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFWWARE: FRATESQ for Windows Version 4.0
SEQ ID NO 10289
                                                                                      61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQ 120
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APPLICANT: CARGILL, Michele
APPLICANT: LUKE, May
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001457 NETHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NOMBER: US/60/453,050
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SEQ ID NO 10289
LENGTH: 757
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Pred. No. 2.1e-48;
6; Mismatches 24
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; Sequence 10289, Application US/60453135
; GENERAL INFORMATION:
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US-60-453-050-10289
US-60-453-050-10289, Application US/60453050
; GENERAL INFORMATION:
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76.8%;
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Best Local Similarity 76.8'
Matches 156; Conservative
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US-60-453-050-10289
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (192)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                591 AAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGFXAVP 650
                                                                                                      --AAAAAKAAAKAAQFGLVPG 154
                                                                                                                                                    651 GALAAAKAAKYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAKAAQFGLVGA 710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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56.4%; Pred. No. 2e-48;
tive 6; Mismatches 19; Indels 102; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 258
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 217
LENGTH: 772
                                                                                                                                                                                                                                    155 VGVAPGVGVAPGVGVAPGVGLAPGVGVAP-----GVGVAPGVGVAP 195
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICAMIN: Rosen et al.

ITILE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PCO19G1N
GURRENT APPLICATION NUMBER: US/10/223,026
GURRENT APPLICATION NUMBER: US/10/223,026
GURRENT FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: 00/7760,494
PRIOR FILING DATE: 2000-01-16
PRIOR FILING DATE: 2000-01-16
PRIOR FILING DATE: 2000-00-04
PRIOR APPLICATION NUMBER: 60/214,886
PRIOR FILING DATE: 2000-05-04
PRIOR PRILING DATE: 2000-07-11
PRIOR PELLOR OWNER: 60/225,758
PRIOR FILING DATE: 2000-07-11
PRIOR PELLOR OWNER: 60/225,758
PRIOR FILING DATE: 2000-07-11
PRIOR PELLOR OWNER: 60/225,447
PRIOR PELLOR NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-11
PRIOR PELLOR DATE: 2000-07-11
PRIOR PELLOR NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-14
PRIOR PELLOR DATE: 2000-07-14
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 217, Application US/10223026 GENERAL INFORMATION:
                                                                                                   123 ---AAAKAAKYGVGTP-
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Matches 164; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
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NAME/KEY: misc_feature
LOCATION: (488)
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121
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                                                                                                   Q\bar{Y}
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APPLICANT: Stone, David
APPLICANT: Alsobrook II, John
APPLICANT: Lepley, Denise et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND MI
FILE REFERENCE: 21402-416 A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQ 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels 102;
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Pred. No. 2.7e-48;
7; Mismatches 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/210,172
CURRENT APPLICATION NUMBER: 001-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR FILING DATE: 2001-08-02
PRIOR FILING DATE: 2001-08-02
PRIOR FILING DATE: 2001-09-03
PRIOR FILING DATE: 2001-09-03
PRIOR PRILCATION NUMBER: 60/313,814
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-03
PRIOR FILING DATE: 2001-08-09
PRIOR FILING DATE: 2001-08-09
PRIOR FILING DATE: 2001-08-07
PRIOR PRIOR DATE: 2001-08-07
PRIOR PRIOR DATE: 2001-08-07
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/311, 292
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313, 201
PRIOR FILING DATE: 2001-08-17
PRIOR FILING DATE: 2001-08-17
PRIOR FILING DATE: 2001-08-17
                                                                                                                                   Li, Li
Ji, Weizhen
Padigaru, Muralidhara
Casman, Stacie
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Gerlach, Valerie
Halt, Tord
Rastelli, Luca
Spyrek, Kimberly
Edinger, Shlomit
                                                               Shimkets, Richard
Zerhusen, Bryan
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Malyankar, Uriel
MacDougall, John
                                                                                                                                                                                                                                                                                                                                                                                                                      Anderson, David
Guo, Xiaojia
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Gorman, Linda
                                                                                                                                                                                                                                                                                                                                                                                           Vernet, Corine
                                    Rieger, Daniel
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ORGANISM: Homo sapiens
   Pena, Carol
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Matches 163; Conservat
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APPLICANT:
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APPLICANT: CARGILL, Michele
APPLICANT: LAKOUBOWA, 019a
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CLO01466
CURRENT APPLICATION NUMBER: US/60/466,412
CURRENT FILING DATE: 2003-04-30
NUMBER OF SEQ ID NOS: 429241
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10289
LENGTH: 757
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAAAAKAAKIGVGTPAAAAAAAAAAQFGL----VPGVGVAPGVGVAPGVGVAPGV--176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        405 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAKYGVGTPAAAAKA 464
                                                                                                                                                                                                                                                                                                                                                                                                                   61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQ 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 AAAAAKAAKYGVGTPAAAAAKAAAKAAQFGL---VPGVGVAPGVGVAPGVGVAPGV-GLA 176
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                                                                                                                                                                                                                                                                                      1 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAAKAGVGIPAAAAAAA 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24; Indels 17; Gaps
                                                                                                                                                                                                                             17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 32; Length 757;
                                                                                                                                                             Length 757;
                                                                                                                                                       Score 707.5; DB 32; Length 7
Pred. No. 2.1e-48;
6; Mismatches 24; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 707.5; DB 3;
Pred. No. 2.1e-48;
6; Mismatches 24,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        177 PGVGVAPGVGVAPGVGVAPAIGP 199
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0S-10-210-172-38
Sequence 38, Application US/10210172
; GENERAL INFORMATION:
                                                                                                                                                       tch 70.5%; al Similarity 76.8%; 156; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 70.5%;
Best Local Similarity 76.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kekuda, Ramesh
APPLICANT: Miller, Charles
APPLICANT: Patturajan, Meera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 156; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens US-60-466-412-10289
                              ; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-453-135-10289
                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 11
US-60-466-412-10289
LENGIH: 757
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING STETHS: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/463,091
FILING DATE: 31-Mar-2000
CLASSIFICATION: CUNKNOWN>
PRIOR APPLICATION NUMBER: My PO8117
RILING DATE: 18-JUL-1997
ATTORNEY/AGENT INFORMATION:
NAME: GUMLEY, THOMAS P

TELEPRANCE/DOCKET NUMBER: 04822K
TELECOMMUNICATION INPORMATION:
TELEPRAN: 61 2 9957 6288
TELERA: 26547
TELERA: 26547
TELERA: 26547
TELERA: 26547
TELERA: 26547
TELERA: 26547
TELERA: 60 amino acids
TYPE: amino acid
TYPE: protein

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-463-091-5
TO-0-463-091-5
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Sequence 1796, Ap
Sequence 38, Appl
Sequence 40, Appl
Sequence 15, Appl
                                                                                                                                    October 10, 2003, 18:41:13 ; Search time 4.81099 Seconds (without alignments) 1227.665 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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/cgn2_6/ptodata/2/paa/NSO6_NEW_COMB.pep:*
/cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
/cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
/cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
/cgn2_6/ptodata/2/paa/USO9_NEW_COMB.pep:*
/cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-60-487-610-1796
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PCT-US03-26780-3573
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PCT-US03-26780-3167
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Maximum Match 100%
Listing first 45 summaries
                                                                                                     using sw model
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Maximum DB seq length: 200000000
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Sequence 3
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ALIGNMENTS

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Sequence 1797, Application US/60487610

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
APPLICANT: CARGILL, Michele
APPLICANT: HURNG, Hongjin
TITLE OF INVENTION: LIVER FIBROSIS IN HERAITIIS C VIRUS-INFECTED SUBJECTS,
TITLE OF INVENTION: MATHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001469
CURRENT PFLICATION NUMBER: US/60/487,610
CURRENT PFLICANTON NUMBER: 260/307-17
NUMBER OF SEQ ID NOS: 97101
SOFTWARE: FascESQ for Windows Version 4.0
SEQ ID NO 1797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 AAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEAQ 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             503 AAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVPGLGVGAGVPGLGVGAGVPGFGAVP 562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     155 VGVAPGVGV----APGVGVAPGV--------GLAPGVGVAP--GVGVAPGV 191
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                                                                                                                                                                                                                                                                                                                                                                                              70.7%; Score 710; DB 7; Length 702;
53.9%; Pred. No. 2e-14;
Live 6; Mismatches 24; Indels 110;
                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 AA----
                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
Les 164; Conserv
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GLSP 685
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RESULT 1
US-60-487-610-1797
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                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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Sequence 40, Application PC/TUS0224483
GENERAL INFORMATION:
APPLICANT: Curagen Corp. et al.
TITLE OF INVANTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND ME
FILE REPERENCE: 21402-416a-061
CURRENT APPLICATION NUMBER: PCT/US02/24483
CURRENT FILING DATE: 2002-08-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7;
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PRICK APPLICATION NUMBER: 60/333,994
PRICK FILING DATE: 2001-08-02
PRICK PLILING DATE: 2001-08-02
PRICK APPLICATION NUMBER: 60/323,994
PRICK APPLICATION NUMBER: 60/310,291
PRICK PILING DATE: 2002-04-19
PRICK APPLICATION NUMBER: 60/310,291
PRICK PILING DATE: 2001-08-03
PRICK PILING DATE: 2001-08-03
PRICK PILING DATE: 2001-08-03
PRICK PILING DATE: 2001-08-07
PRICK PILING DATE: 2001-08-07
PRICK PILING DATE: 2001-08-09
PRICK PILING DATE: 2001-08-09
PRICK PILING DATE: 2001-08-09
PRICK PILING DATE: 2001-08-13
PRICK PILING DATE: 2001-08-17
PRICK PILING DATE: 2001-08-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25; Indels 116;
                                                                                                                                                                                                                                                             19; Indels 102;
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                                                                                                                                                                                        Score 706; DB 1; Length 711;
Pred. No. 2.6e-14;
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Pred. No. 6.6e-14;
6; Mismatches 25;
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SEQ ID NO 40
LENGTH: 692
                                                                                                                                                                                           70.3%;
56.0%;
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Best Local Similarity 52.6
Matches 163; Conservative
                                                                                                                                                                                                                                                                 163; Conservative
                                                              TYPE: PRT ORGANISM: Homo sapiens
                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121 AA-----
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PCT-US02-24483-40
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                                  LENGTH: 711
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Best Local Si
Matches 163;
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ORGANISM:
SEQ ID NO 38
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### TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD GURRENT CUraden Corp. et al.

#### TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD CURRENT APPLICATION NUMBER: PCT/US02/24483

### CURRENT APPLICATION NUMBER: PCT/US02/24483

### CURRENT FILING DATE: 2001-08-02

### PRIOR FILING DATE: 2001-08-21

### PRIOR FILING DATE: 2001-08-21

### PRIOR FILING DATE: 2001-08-08

### PRIOR PILING DATE: 2001-08-13

### PRIOR PILING DATE: 2001-08-13

### PRIOR PILING DATE: 2001-08-13

### PRIOR PILING DATE: 2001-08-13
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                                                                                                                                                  APPLICANT: HUANG, HONGJIN

TITLE OF INVENTION: GENETIC POLYMORPHISNS ASSOCIATED WITH

TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INPECTED SUBJECTS,

TITLE OF INVENTION: LIVER FIBROSIS IN HEPATITIS C VIRUS-INPECTED SUBJECTS,

TITLE OF INVENTION: MAPHAGOS OF DETECTION AND USES THEREOF

FILE REPERBUCE: CLOOl469

CURRENT APPLICATION NUMBER: US/60/487,610

CURRENT FILING DATE: 2003-07-17

NUMBER OF SEC ID NOS: 97101

SOFTWARE: PRESENCE for Windows Version 4.0

SEQ ID NO 1796

LENGTH: 757
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               405 PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAKAAKYGVGTPAAAAKA 464
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SOFTWARE: CuraSeqList version 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            70.5%; Score 707.5; DB 7; Length 757; 76.8%; Pred. No. 2.4e-14; Live 6; Mismatches 24; Indels 17;
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                                                              Sequence 1796, Application US/60487610 GENERAL INFORMATION:
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                                                                                                                                APPLICANT: CARGILL, Michele
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Matches 156; Conservative
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CORGANISM: Homo sapiens
US-60-487-610-1796
                               US-60-487-610-1796
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LENGTH: 1250
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                 68 GLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPALGPEAQAAAAAKA 127
                                                                   61 AAKAAQF-----GLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPA 114
                                                                                       427 AAKAAQFALLNILAGIVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 486
                                                                                                                                    487 IGPGGVAAAAKSAAKVAAKAQLRAAAGLGAGIPGLGVGVGVGVPGLGVGAGVPGLGVGAGVP 546
                                                                                                                                                                                                      --AAAAAKAAAKAAQ 148
                                                                                                                                                                                                                                      547 GFGAVPGALAAAKAAKYGAAVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAAAAAAAAAAA 606
                                                                                                                                                                                                                                                                     149 FGLVPGVGVAPGVGV----APGVGVAPGV--------GLAPGVGVAP--GV 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8 GGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAAAAAAAAA 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PGFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAKAAKYGVGTPAAAAAA 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION, PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSCENIC TITLE OF INVENTION: PLASTIDS
FILE REPRESENCE: 1465-PCT-0S-00
CURRENT APPLICATION NUMBER: 20/99/807,742A
CURRENT APPLICATION NUMBER: 20/10-04-18
PRIOR APPLICATION NUMBER: PCT/US01/06288
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 19
SOFWRAE: PatentIn Ver. 2.1
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRODUCTION OF PHARMACEUTICAL PROTEINS IN TRANSGENIC PLASTIDS
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42.7%; Score 429; DB 5;
Best Local Similarity 43.5%; Pred. No. 5.1e-07;
Matches 81; Conservative 16; Mismatches 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 15, Application US/09807742A GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICAND: DANIELL, HENRY
TITLE OF INVENTION: PRODUCTION OF PI
TITLE OF INVENTION: PLASTIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Escherichia coli
                                                                                                                                                                                                                                                                                                                                       186 GVAPGVGVAP 195
                                                                                                                                                                                                                                                                                                                                                                       666 AARPGFGLSP 675
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US-09-807-742A-1
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APPLICANT: FYVERENEY THERREBUTICS, INC.

APPLICANT: FYVERENEY THERREBUTICS, INC.

ITILE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

ITILE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

ITILE OF INVENTION: 100.4 - 00.304

CURRENT APPLICATION NUMBER: CT/US03/26780

CURRENT PILING DATE: 2003-08-29

PRIOR APPLICATION NUMBER: 60/406,616

PRIOR PILING DATE: 2002-08-29

PRIOR PILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PLILING DATE: 2002-08-29
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FORTH INFORMATION: This sequence may encompass 1-250 Gly Val Gly Val US-09-807-742A-1
US-09-807-742A-1
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NUMBER OF SEQ ID NOS: 3700
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             80;
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Pred. No. 0.00026;
6; Mismatches 14; Indels 80
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; FILE REFERENCE: 1465-PCT-US-00
; CURRENT APPLICATION NUMBER: US/09/807,742A
; CURRENT FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: PCT/US01/06288
; NUMBER OF SEQ ID NOS: 19
; SEQ ID NO 1
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PRIOR PLING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,576
PRIOR FILING DATE: 2002-08-29
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52.6%;
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ORGANISM: Artificial Sequence
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Matches 111; Conservative
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GENERAL INFORMATION:
APPLICANT: FIUPORMATION:
TITLE OF INVENTION: HUMAN POLIPEPTIDES ENCODED BY POLYNUCLECTIDES AND METHODS OF
TITLE OF INVENTION: THERR USE
FILE REPERBUCE: 08940.0014-00304
CURRENT APPLICATION NUMBER: PCT/US03/26780
CURRENT APPLICATION NUMBER: 007-08-29
PRIOR APPLICATION NUMBER: 60/406,579
PRIOR APPLICATION NUMBER: 60/406,655
PRIOR PELLOR DATE: 2002-08-29
PRIOR PELLOR PELLOR NUMBER: 60/406,640
PRIOR PELLOR DATE: 2002-08-29
PRIOR PELLOR
                                                                               60 AAAKAAQFGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIGPEA 119
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Best Local Similarity 38.23
Matches 76; Conservative
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ORGANISM: Homo sapiens
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CURRENT APPLICATION NUMBER: PC74/0503/26780

CURRENT FILING DATE: 2003-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PELICATION NUMBER: 60/406,655

PRIOR APPLICATION NUMBER: 60/406,640

PRIOR PLING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,646

PRIOR APPLICATION NUMBER: 60/406,646

PRIOR APPLICATION NUMBER: 60/406,666

PRIOR PLING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29
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                                                                                                                                                                                                             Length 252;
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38.2%; Pred. No. 0.014;
Live 1; Mismatches 117; Indels
                                                                                                                                                                                                  Score 275.5; DB 1; Length
Pred. No. 0.013;
1; Mismatches 117; Indels
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APPLICANT: FIVEPRIME THERAPEUTICS, INC.
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Best Local Similarity 38.2%;
Matches 76; Conservative
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 76; Conserv
                                                                    ; TYPE: PRT
; ORGANISM: Homo s
PCT-US03-26780-3569
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PCT-US03-26780-3570
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SEQ ID NO 3569
                                       LENGTH: 252
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Sequence 3411, Application PC/TUS0326780
Sequence 3411, Application PC/TUS0326780
GENERAL INFORMATION
GENERAL INFORMATION
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF
TITLE OF INVENTION: THERE USE
FILE REPERENCE: 08940.0014-00304
CURRENT APPLICATION NUMBER: PCT/US03/26780
CURRENT FILING DATE: 2003-08-28
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PRIOR FILING DATE: 2002-08-29
PRIOR PAPLICATION NUMBER: 60/406,655
PRIOR PLING DATE: 2002-08-29
PRIOR SEQ ID NOS: 3700
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 3571
LENGTH: 906
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PRIOR PELICATION WIMBER: 60/406,616
PRIOR FILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 60/406,576
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Best Local Similarity 38.2°
Matches 76; Conservative
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PCT-US03-26780-3571
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                                                                                                                                  GENERAL INFOGRATION:

GENERAL INFOGRATION:

TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF

TITLE OF INVENTION: HUMBER: DCT/US03/26780

CURRENT APPLICATION NUMBER: PCT/US03/26780

CURRENT APPLICATION NUMBER: 60/406,515

PRIOR APPLICATION NUMBER: 60/406,555

PRIOR PLIING DATE: 2002-08-29

PRIOR PLIING DATE: 2002-08-29

PRIOR PLIING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,642

PRIOR APPLICATION NUMBER: 60/406,642

PRIOR APPLICATION NUMBER: 60/406,640

PRIOR PLIING DATE: 2002-08-29

PRIOR PLIING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,646

PRIOR PLIING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,566

PRIOR PLIING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29
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SEQUENCE 3571, Application PC/TUS0326780

GENERAL INFORMATION:

APPLICANT: FIVEPERINE FHERAPEUTICS, INC.

TITLE OF INVENTION: THEIR USE

FILE REFERENCE: 08940.0014-00304

CURRENT APPLICATION NUMBER: PCT/US03/26780

CURRENT FILING DAFE: 2003-08-28

PRIOR APPLICATION NUMBER: 60/406,616

PRIOR PILING DAFE: 2002-08-29
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                                                                           Sequence 3573, Application PC/TUS0326780 GENERAL INFORMATION:
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Best Local Similarity 38.2
Matches 76; Conservative
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Pred. No. 0.65;
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                                                                                                                                                                                                                                                                                                                                                                                                                                        1476 GAAAGAAAAACAAG 1490
                     Query Match 24.1%;
Best Local Similarity 37.9%;
Matches 74; Conservative
                                                                                                                                                                                                                                                                                                                                                                                               176 APGVGVAPGVGVAPG 190
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 75; Conserv
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TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLECTIDES AND METHODS OF
TITLE OF INVENTION: THEIR USE
FILE REFERENCE: 08940.0014-00304
CURRENT APPLICATION NUMBER: POLYUS03/26780
CURRENT FILING DATE: 2003-08-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            109 VGVAPAIGPEAQAAAAAKAAKYGVGTPAAAAAKAAAKAAQFGLVPGVGVAPGVGVAPGVG 168
                                                                                                                                                                                                                                                                                                                                                                                                                     4 GVGVGGIPGVAGVPG----VGGVPGVGGVPGVGISPEAQAAAAAAA--KYGVGTPAAAA 57
                                                                                                                                                                                                                                                                                                                        Score 257.5; DB 1; Length 951;
Pred. No. 0.083;
0; Mismatches 106; Indels 27; Gaps
                 PRIOR APPLICATION NUMBER: 60/406,666

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: 60/406,653

PRIOR FILING DATE: 2002-08-29

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEO ID NOS: 3700

SEO ID NOS: 3700

SEO ID NO 3411

LENGTH: 951
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SOFTWARE: Patentin version 3.2
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PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
PRIOR APPLICATION WUMBER: 60/406, 642
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR PRILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
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PRIOR PILING DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-08-29
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Best Local Similarity 38.73
Matches 84; Conservative
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; ORGANISM: Homo sapiens
PCT-US03-26780-3444
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LENGTH: 1755
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APPLICANT: FIVEPRIME THERAPEUTICS, INC.
TITLE OF INVENTION: HUMAN POLYPEPTIDES ENCODED BY POLYNUCLECTIDES AND METHODS OF
ITLE OF INVENTION: THEIR USE
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CURRENT APPLICATION NUMBER: PCT/UG03/26780

CURRENT FILING DATE: 2003-08-28

PRIOR APPLICATION NUMBER: 60/406,616

PRIOR FILING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PRIOR DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PRIOR DATE: 2002-08-29

PRIOR FILING DATE: 2002-08-29

PRIOR PLING DATE: 2002-08-29
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Score 242; DB 1; Length 1755; Pred. No. 0.3; 1; Mismatches 112; Indels
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FUTURE OF INVENTION: HERREPETICS, INC.

FILE REFRENCE 1315, Application PC/TUS0326780

SEQUENCE 3135, Application PC/TUS0326780

SERBRAL INFORMATION: HURBAN POINTEFFILES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: HURBAN POINTEFFILES ENCODED BY POLYNUCLEOTIDES AND METHODS OF TITLE OF INVENTION: HURBAN POLYNUCLEOTIDES AND METHODS OF CURRENT PILLING DATE: 2003-08-29

PRIOR RELIGING DATE: 2002-08-29

PRIOR PLILING DATE: 2002-08
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                                                        702 GGGTGAGGAGGAGGAGTGGTGGCAGAGGAGGAGGTGGAGGAGGTAGTCATGGAGGA 761
104 GVAPGVGVAPAIGPEAQAAAAKAAKYG--VGTPAAAAKAAAKAAQFGLVPGVGVAPGV 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 GFGVGVGGIPGVAGVPGVGGVPGVGGVPGVGISPEAQAAAAAAAAKYGVGTPAAAAKAA
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Pred. No. 0.73;
1; Mismatches 121; Indels 20;
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                                                                                                                                                        162 GVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPAIG 198
                                                                                                                                                                                                                            579 ggagagagagagargargacaraagargagagag 615
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Best Local Similarity 34.6%;
Matches 75; Conservative 1
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; ORGANISM: Homo sapiens
PCT-US03-26780-3135
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PCT-US03-26780-3135
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